

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102819\
 Data File : BF117577.D
 Acq On : 28 Oct 2019 22:18
 Operator : JU
 Sample : K5140-05 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-102519

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.351	552	555	569	rBV	278588	403245	3.33%	0.766%
2	6.251	705	708	711	rBV2	121663	130072	1.07%	0.247%
3	6.316	716	719	726	rBV2	102729	131260	1.08%	0.249%
4	6.381	726	730	740	rBV	339465	534607	4.41%	1.015%
5	6.463	740	744	748	rVV2	78737	136554	1.13%	0.259%
6	6.504	748	751	756	rVV	498916	534489	4.41%	1.015%
7	6.563	756	761	767	rVB2	585770	542162	4.47%	1.030%
8	6.740	784	791	795	rVB3	189952	321872	2.66%	0.611%
9	6.781	795	798	802	rBV	135852	138071	1.14%	0.262%
10	6.881	811	815	818	rBV2	440127	489352	4.04%	0.929%
11	7.004	832	836	838	rVB2	237327	220662	1.82%	0.419%
12	7.045	838	843	845	rBV2	148610	207151	1.71%	0.393%
13	7.069	845	847	852	rVB2	207941	189414	1.56%	0.360%
14	7.116	852	855	859	rBV2	402001	369821	3.05%	0.702%
15	7.263	875	880	882	rBV	225557	261482	2.16%	0.497%
16	7.292	882	885	888	rVV	292928	370995	3.06%	0.705%
17	7.328	888	891	894	rVV	923485	752594	6.21%	1.429%
18	7.375	894	899	902	rVB4	177119	257318	2.12%	0.489%
19	7.410	902	905	907	rBV3	104818	123906	1.02%	0.235%
20	7.440	907	910	914	rVB3	128154	151215	1.25%	0.287%
21	7.510	919	922	923	rVV2	108014	135426	1.12%	0.257%
22	7.528	923	925	929	rVB2	320338	310719	2.56%	0.590%
23	7.628	936	942	944	rBV3	177276	305227	2.52%	0.580%
24	7.692	950	953	956	rVB3	211111	239946	1.98%	0.456%
25	7.728	956	959	961	rBV	263789	239845	1.98%	0.455%
26	7.763	963	965	969	rVV3	287092	337769	2.79%	0.641%
27	7.804	970	972	974	rVV	145898	140987	1.16%	0.268%
28	7.963	993	999	1001	rBV5	155244	231574	1.91%	0.440%
29	7.998	1001	1005	1009	rVV2	1017692	1093880	9.03%	2.077%
30	8.057	1013	1015	1016	rVV	202435	175188	1.45%	0.333%
31	8.075	1016	1018	1020	rVB	335537	242593	2.00%	0.461%
32	8.098	1020	1022	1025	rBV3	139341	132544	1.09%	0.252%
33	8.181	1031	1036	1038	rBV5	91095	137564	1.14%	0.261%
34	8.210	1038	1041	1044	rVV2	195751	204889	1.69%	0.389%

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Integrator: RTE

Smoothing : ON

Sampling : 1

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35	8.298	1052	1056	1059	rVV4	292686	437990	3.61%	0.832%
36	8.357	1063	1066	1069	rVV3	271308	252313	2.08%	0.479%
37	8.392	1069	1072	1075	rVV3	287997	313583	2.59%	0.596%
38	8.434	1075	1079	1081	rVV2	398307	413726	3.41%	0.786%
39	8.510	1089	1092	1095	rBV2	338306	324950	2.68%	0.617%
40	8.604	1104	1108	1111	rBV	938551	818907	6.76%	1.555%
41	8.669	1116	1119	1121	rVV2	216866	258477	2.13%	0.491%
42	8.698	1121	1124	1127	rVB4	193696	222194	1.83%	0.422%
43	8.834	1144	1147	1151	rVB2	214448	201002	1.66%	0.382%
44	8.881	1153	1155	1157	rBV2	135410	132005	1.09%	0.251%
45	8.963	1165	1169	1173	rVB3	185047	281767	2.33%	0.535%
46	9.004	1173	1176	1178	rBV2	145133	127763	1.05%	0.243%
47	9.028	1178	1180	1186	rVV3	293674	304798	2.52%	0.579%
48	9.081	1186	1189	1193	rVV	491184	397318	3.28%	0.755%
49	9.169	1200	1204	1208	rBV	701243	676230	5.58%	1.284%
50	9.234	1213	1215	1218	rVB2	167581	141846	1.17%	0.269%
51	9.422	1244	1247	1249	rVV2	154797	186225	1.54%	0.354%
52	9.481	1253	1257	1260	rVV3	316477	426344	3.52%	0.810%
53	9.510	1260	1262	1265	rVV3	170322	162695	1.34%	0.309%
54	9.539	1265	1267	1270	rVB	160370	128278	1.06%	0.244%
55	9.692	1290	1293	1297	rVB	608012	445709	3.68%	0.846%
56	9.757	1302	1304	1309	rVB	183935	176140	1.45%	0.334%
57	10.010	1344	1347	1351	rBV5	121358	159947	1.32%	0.304%
58	10.192	1375	1378	1380	rVB	454447	334863	2.76%	0.636%
59	10.410	1410	1415	1420	rVB	142833	184676	1.52%	0.351%
60	10.557	1437	1440	1450	rBV2	187618	243229	2.01%	0.462%
61	10.663	1455	1458	1465	rVB	396832	452691	3.74%	0.860%
62	11.110	1531	1534	1536	rBV	328670	251075	2.07%	0.477%
63	11.139	1536	1539	1544	rVB2	133896	151098	1.25%	0.287%
64	11.245	1554	1557	1559	rBV2	148751	136595	1.13%	0.259%
65	11.269	1559	1561	1569	rVB	121111	158654	1.31%	0.301%
66	11.533	1603	1606	1608	rBV	245612	214105	1.77%	0.407%
67	11.557	1608	1610	1613	rVB	182838	139066	1.15%	0.264%
68	11.645	1620	1625	1628	rBV	4025891	3880625	32.02%	7.369%
69	11.786	1645	1649	1654	rVB2	141054	158565	1.31%	0.301%
70	11.939	1672	1675	1680	rBV	218286	209553	1.73%	0.398%
71	12.351	1736	1745	1746	rBV2	6207423	12118160	100.00%	23.013%

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Stop Thrs : 0 Peak Location: TOP

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72	12.380	1746	1750	1753	rVV	8136883	11343904	93.61%	21.542%
73	12.433	1756	1759	1762	rVB	1818727	1541198	12.72%	2.927%
74	12.469	1762	1765	1767	rBV2	271912	315826	2.61%	0.600%
75	12.498	1767	1770	1776	rVB	389020	503804	4.16%	0.957%
76	12.663	1795	1798	1801	rBV	137038	134390	1.11%	0.255%
77	12.704	1801	1805	1811	rVB	254002	310775	2.56%	0.590%
78	12.833	1823	1827	1830	rBV	379359	309375	2.55%	0.588%
79	13.074	1862	1868	1875	rVB3	279275	458000	3.78%	0.870%
80	13.151	1878	1881	1885	rVB	228624	198863	1.64%	0.378%
81	13.727	1976	1979	1985	rBV2	114284	142780	1.18%	0.271%
82	13.816	1991	1994	2000	rBV	200025	214149	1.77%	0.407%
83	13.892	2003	2007	2010	rBV2	132331	187299	1.55%	0.356%
84	14.039	2029	2032	2035	rBV	134458	131103	1.08%	0.249%
85	14.345	2080	2084	2087	rBV	209353	234733	1.94%	0.446%
86	14.757	2150	2154	2159	rVB	232910	298388	2.46%	0.567%
87	14.957	2185	2188	2197	rVB2	140672	192762	1.59%	0.366%
88	15.315	2246	2249	2255	rVB2	134681	200977	1.66%	0.382%
89	16.192	2394	2398	2404	rVB3	75869	122783	1.01%	0.233%

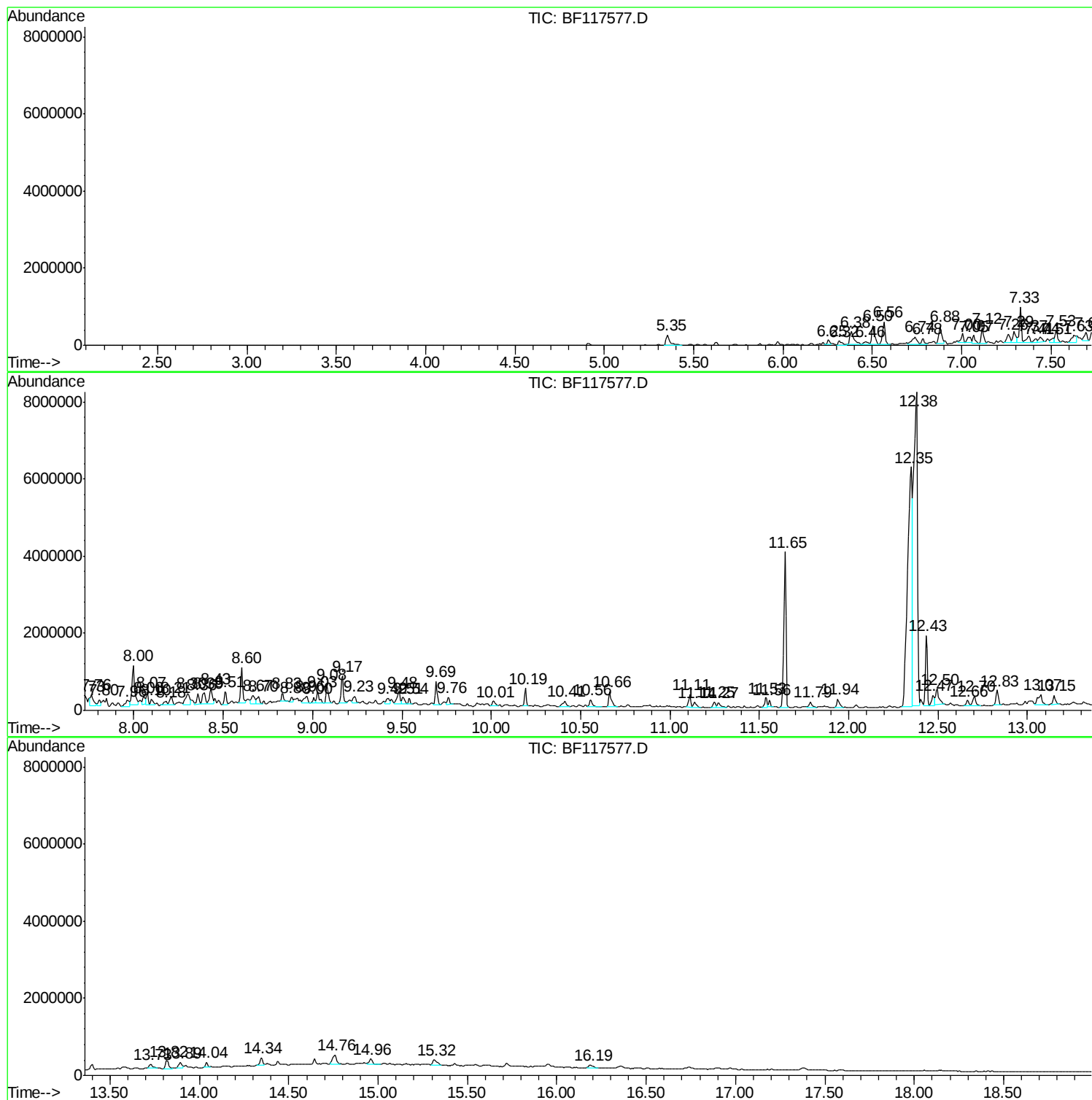
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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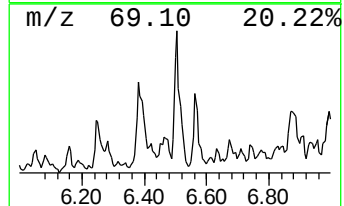
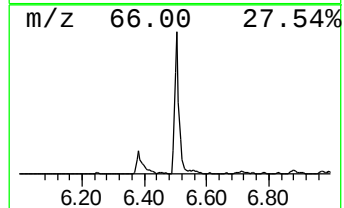
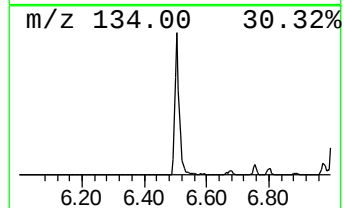
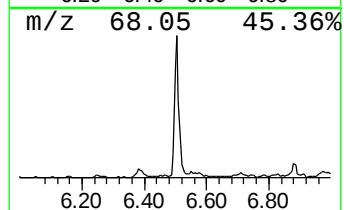
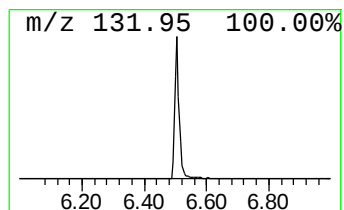
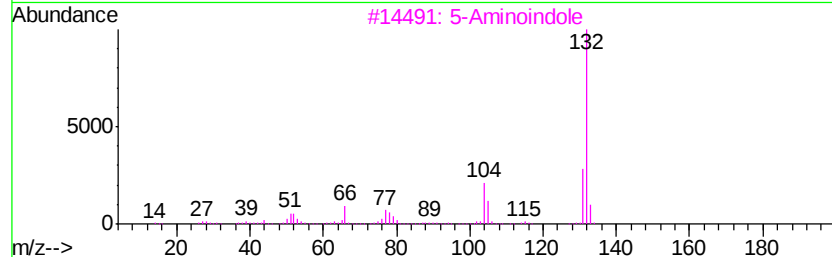
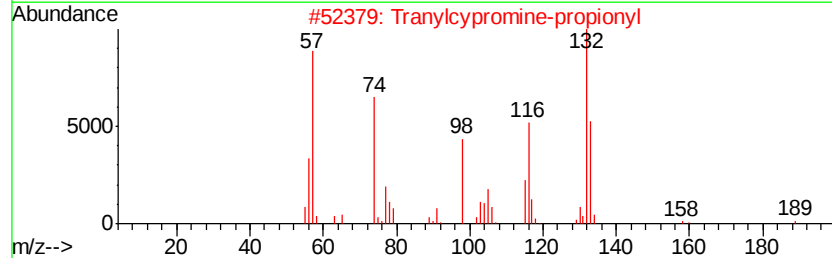
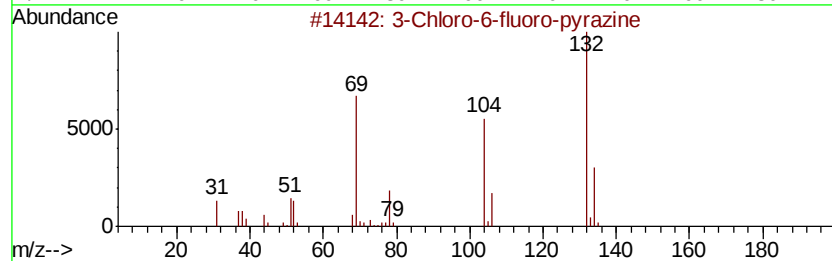
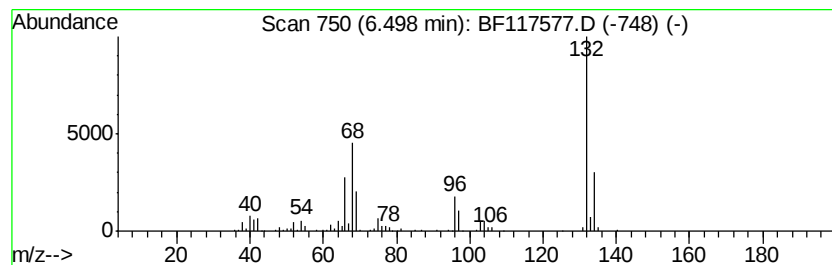
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.50 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	33.21 ng	534489	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3			5-Aminoindole	132	C8H8N2	005192-03-0	12
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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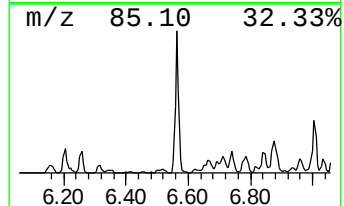
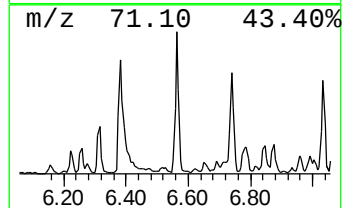
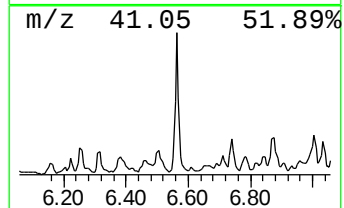
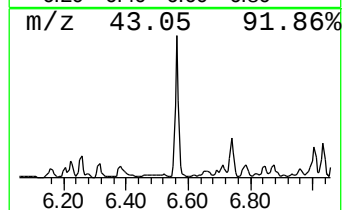
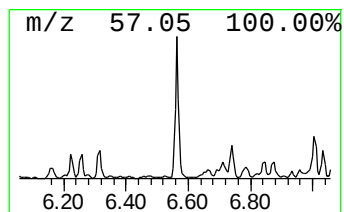
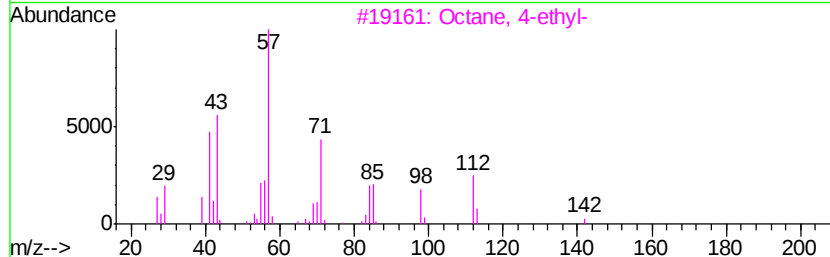
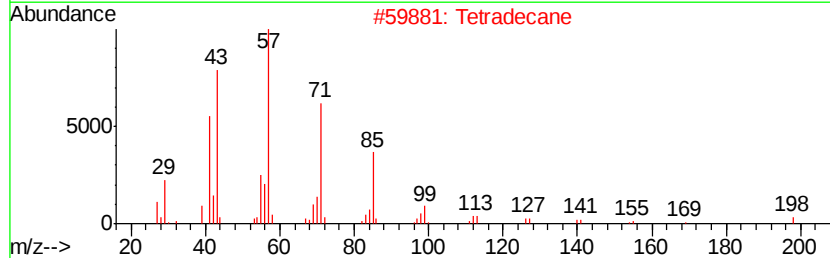
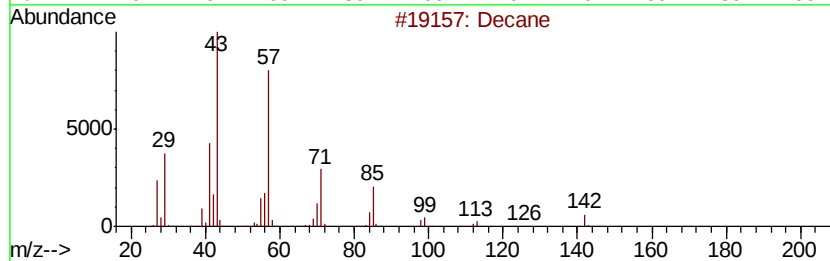
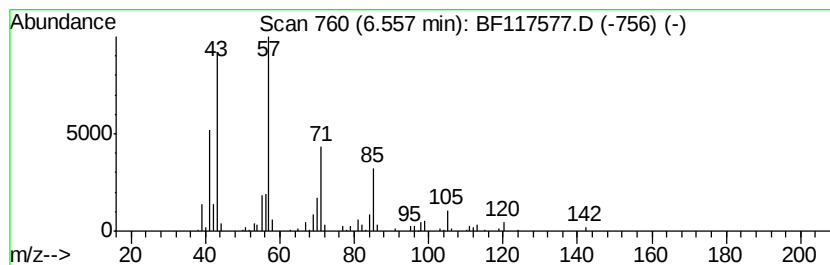
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	33.69 ng	542162	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	94
2		Tetradecane	198	C14H30	000629-59-4	90
3		Octane, 4-ethyl-	142	C10H22	015869-86-0	72
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
5		Hexadecane	226	C16H34	000544-76-3	64



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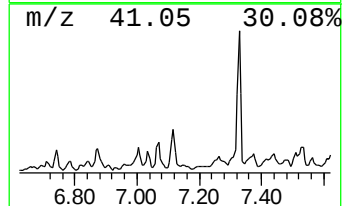
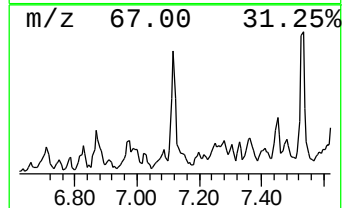
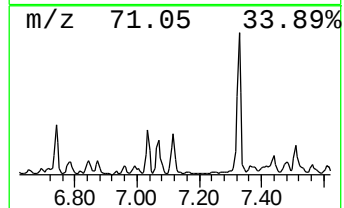
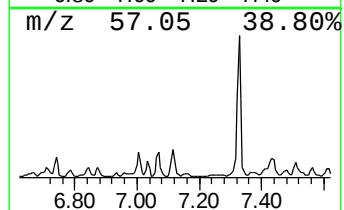
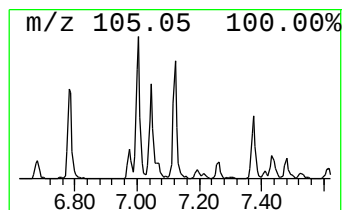
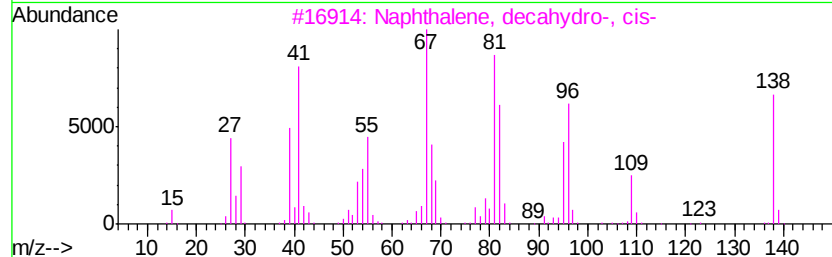
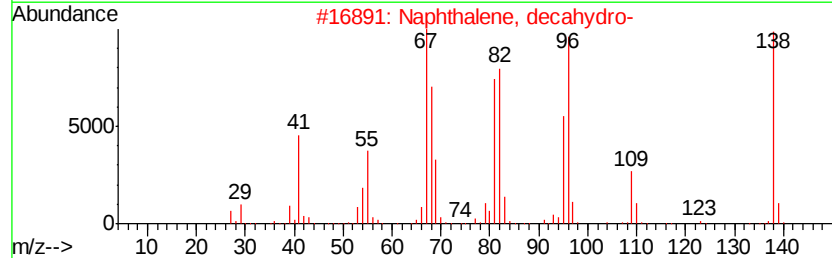
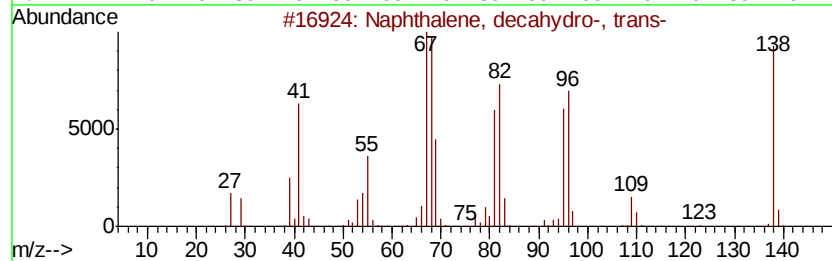
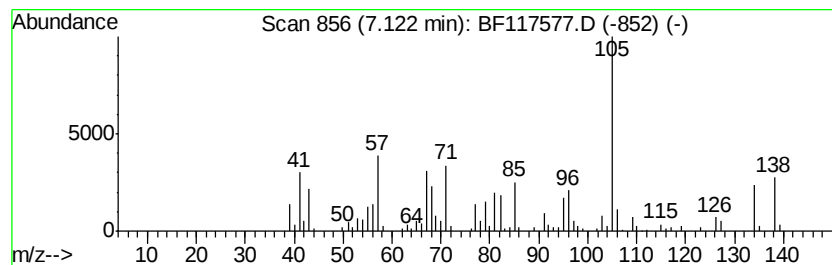
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, decahydro-, tr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	22.98 ng	369821	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	46
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	42
4		Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000490-99-3	38
5		Decane, 3-methyl-	156	C11H24	013151-34-3	35



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ALS Vial : 23 Sample Multiplier: 1

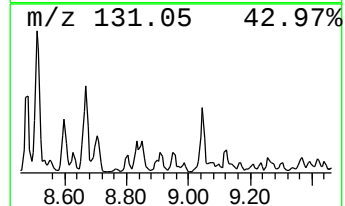
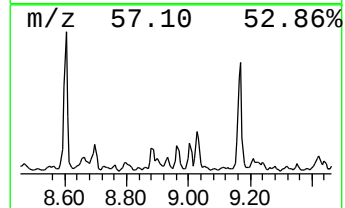
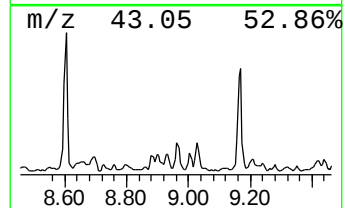
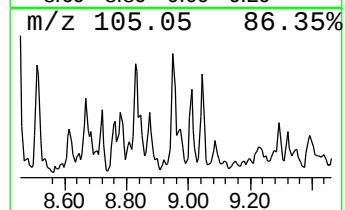
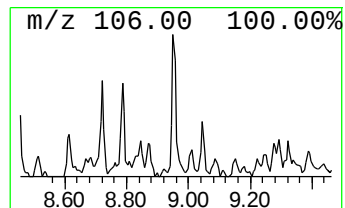
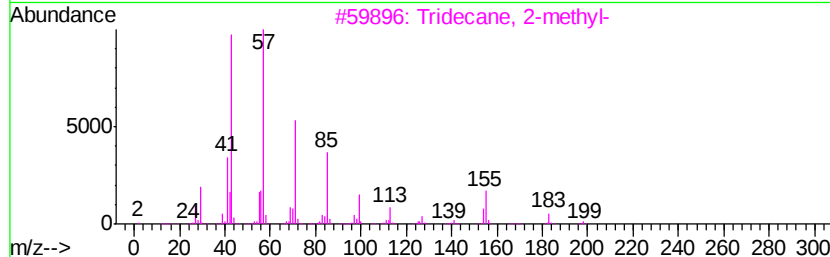
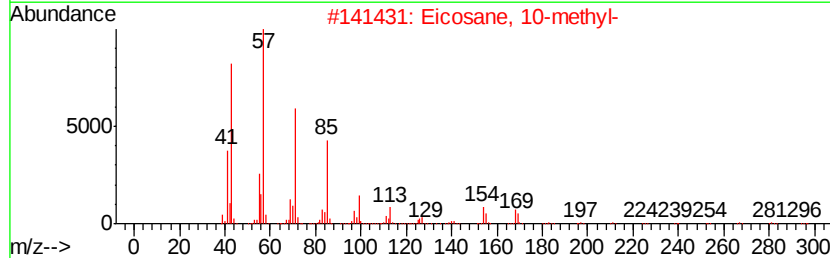
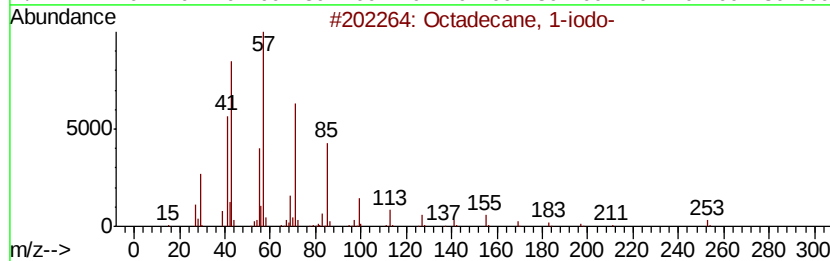
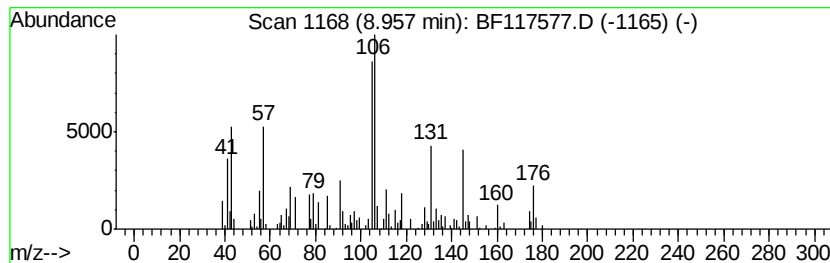
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ClientSampleId :
HR-06-102519

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	31.99 ng	281767	Acenaphthene-d10	9.76
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octadecane, 1-iodo-	380 C18H37I	000629-93-6 80
2		Eicosane, 10-methyl-	296 C21H44	054833-23-7 80
3		Tridecane, 2-methyl-	198 C14H30	001560-96-9 78
4		Tetradecane, 6,9-dimethyl-	226 C16H34	055045-13-1 72
5		2-Bromo dodecane	248 C12H25Br	013187-99-0 72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117577.D
Acq On : 28 Oct 2019 22:18
Operator : JU
Sample : K5140-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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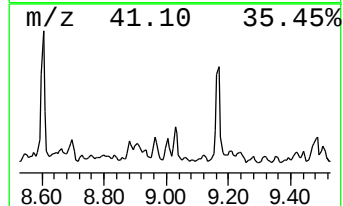
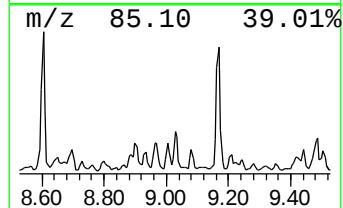
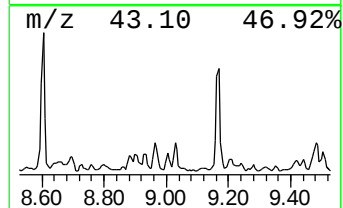
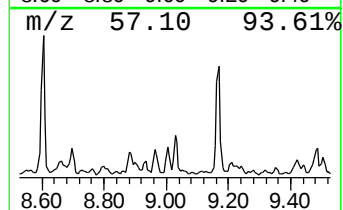
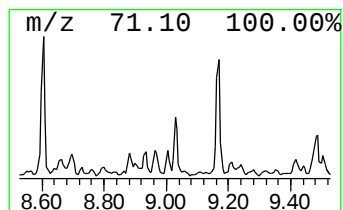
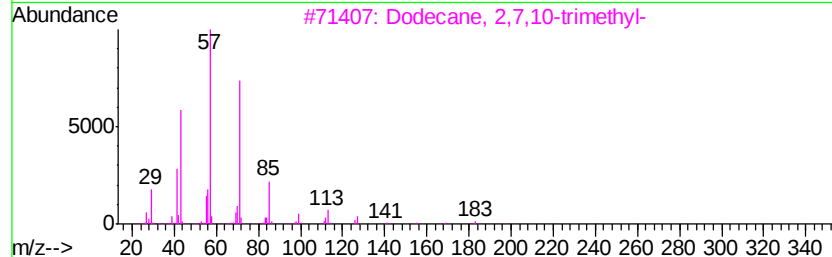
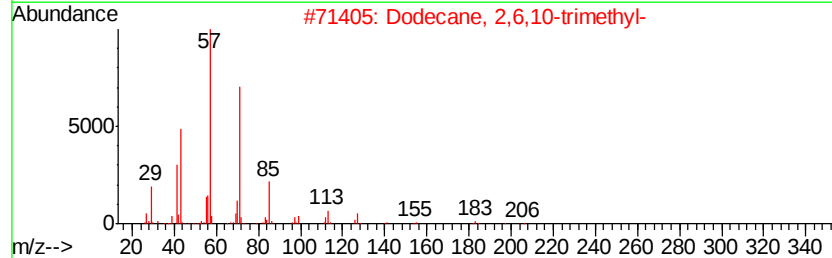
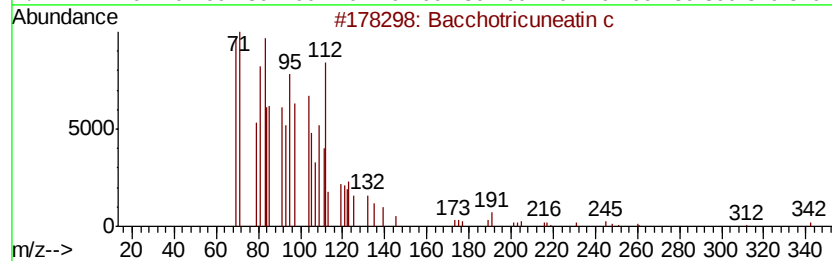
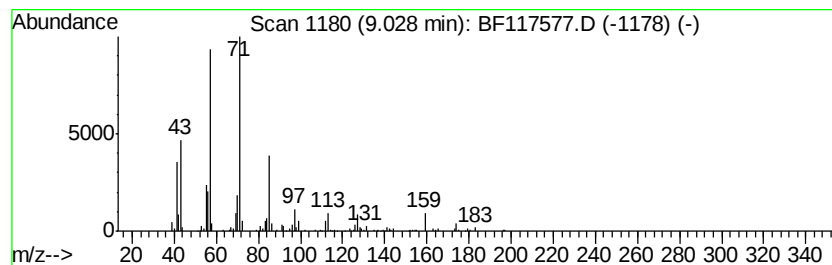
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Bacchotricuneatin c Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	34.61 ng	304798	Acenaphthene-d10	9.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
5		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117577.D
Acq On : 28 Oct 2019 22:18
Operator : JU
Sample : K5140-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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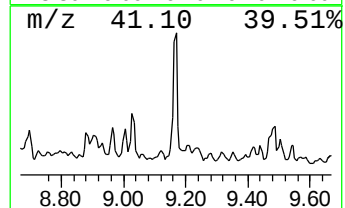
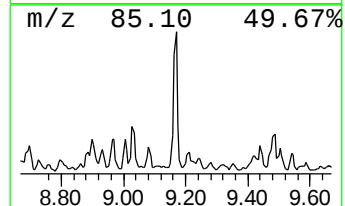
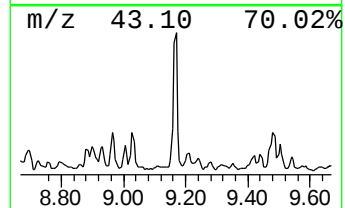
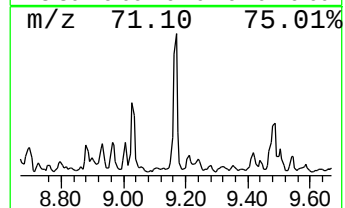
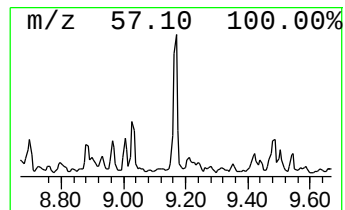
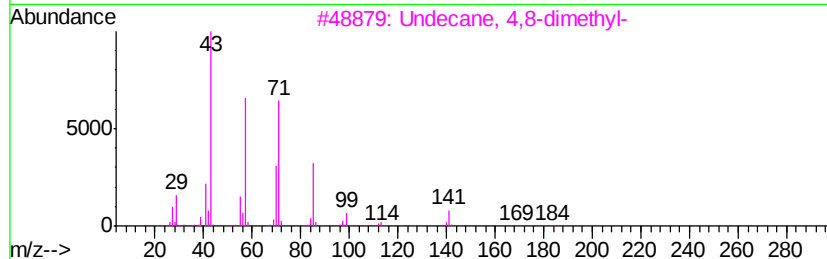
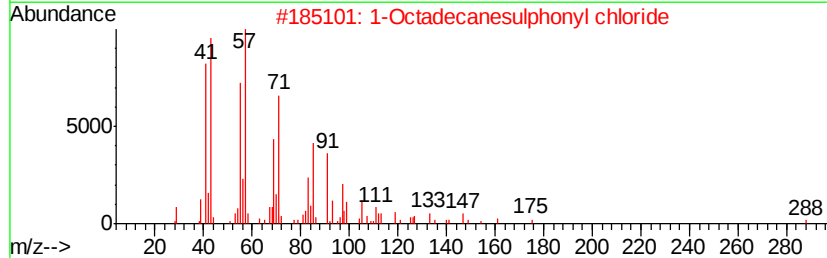
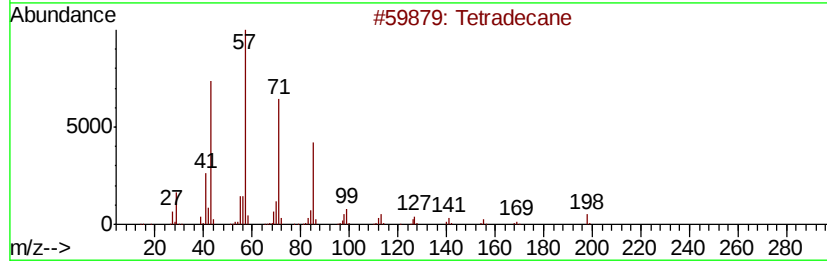
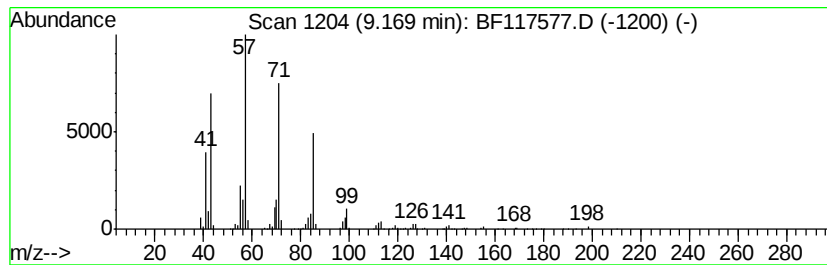
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	76.78 ng	676230	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	90
2		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	83
3		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	83
4		Decane, 5-propyl-	184	C13H28	017312-62-8	78
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117577.D
Acq On : 28 Oct 2019 22:18
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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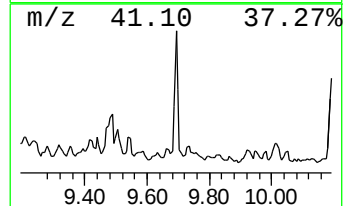
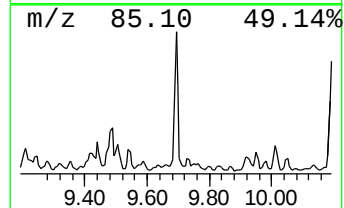
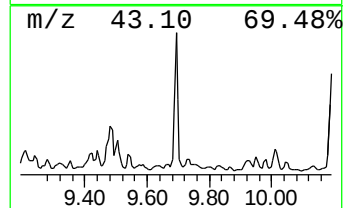
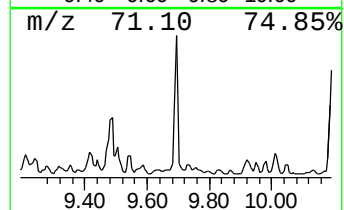
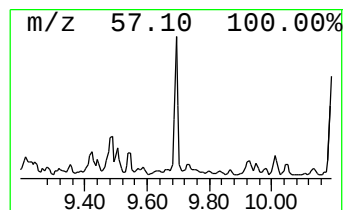
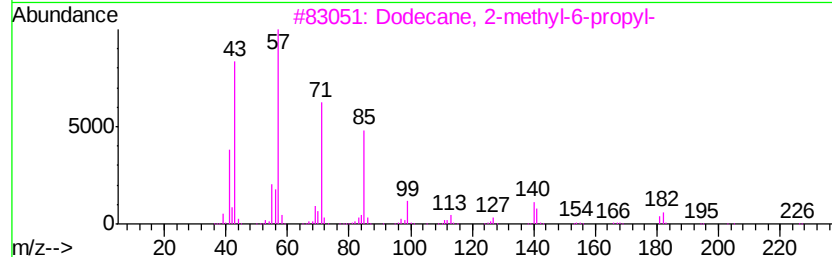
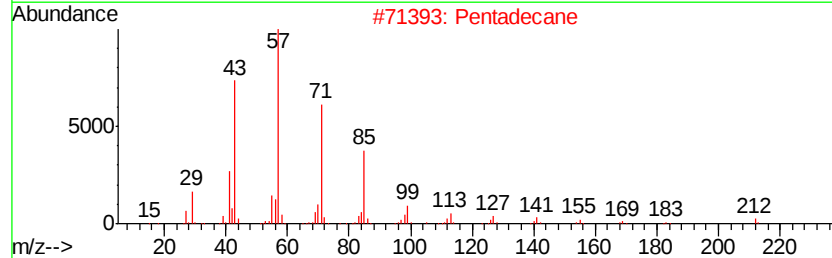
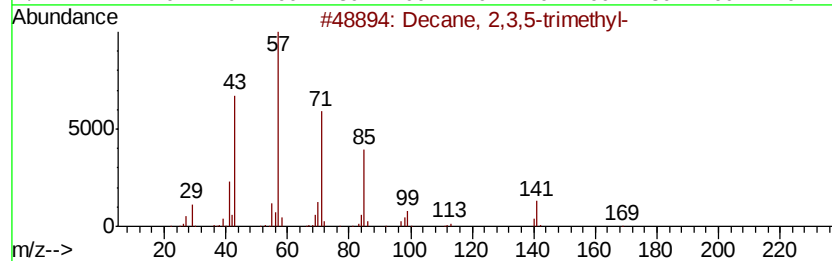
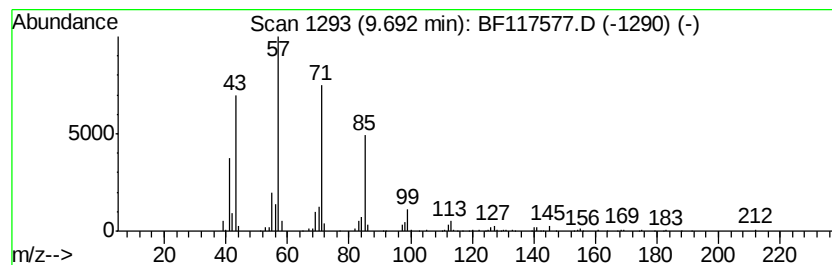
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Decane, 2,3,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	50.61 ng	445709	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2		Pentadecane	212	C15H32	000629-62-9	87
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	72
5		1-Decene, 4-methyl-	154	C11H22	013151-29-6	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
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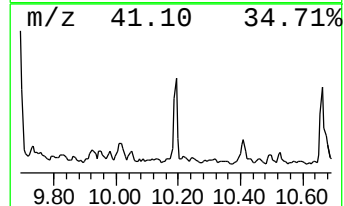
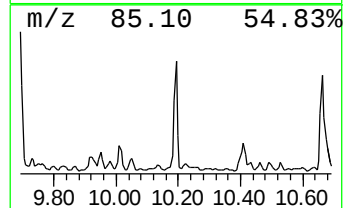
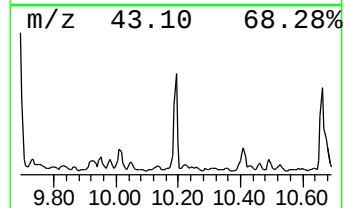
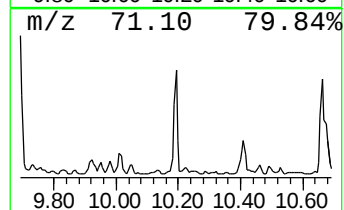
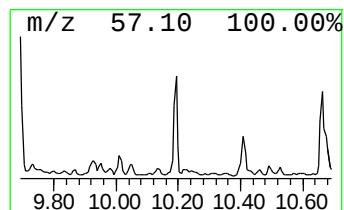
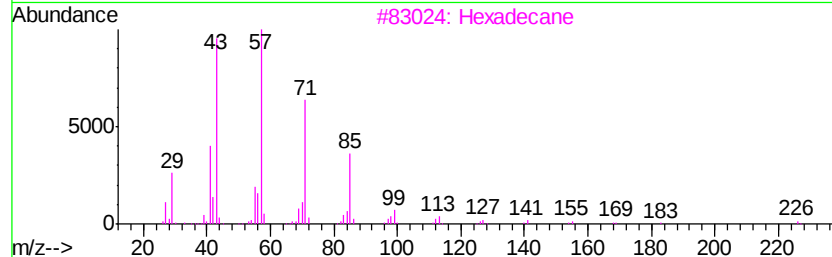
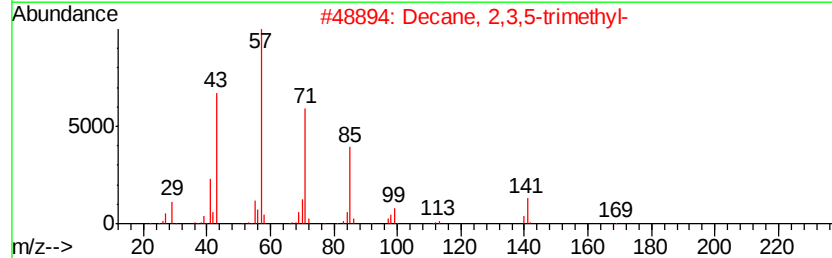
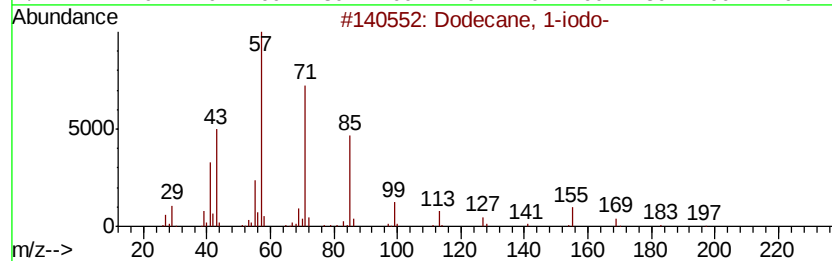
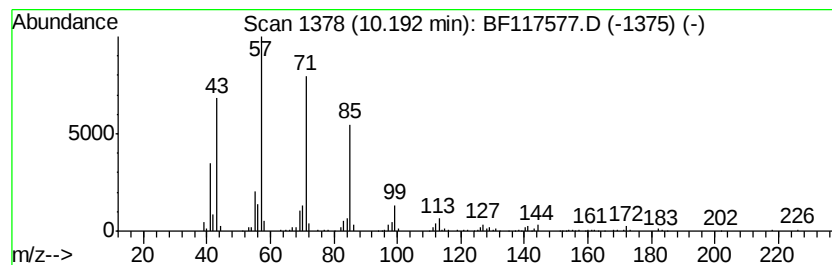
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	38.02 ng	334863	Acenaphthene-d10	9.76
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 1-iodo-	296 C12H25I	004292-19-7	86
2	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	86
3	Hexadecane	226 C16H34	000544-76-3	81
4	Decane, 3-methyl-	156 C11H24	013151-34-3	80
5	Pentadecane, 7-methyl-	226 C16H34	006165-40-8	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117577.D
Acq On : 28 Oct 2019 22:18
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Sample : K5140-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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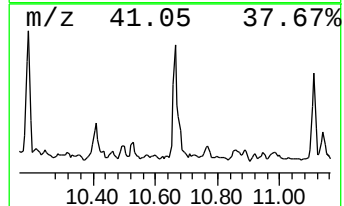
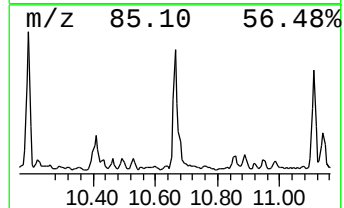
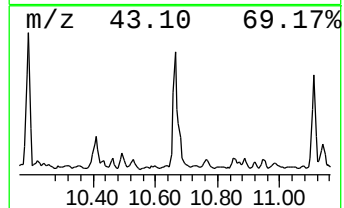
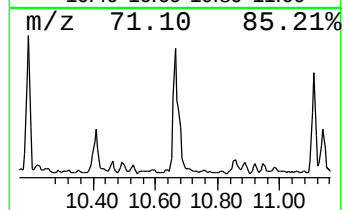
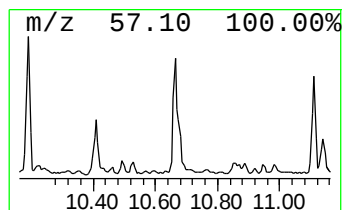
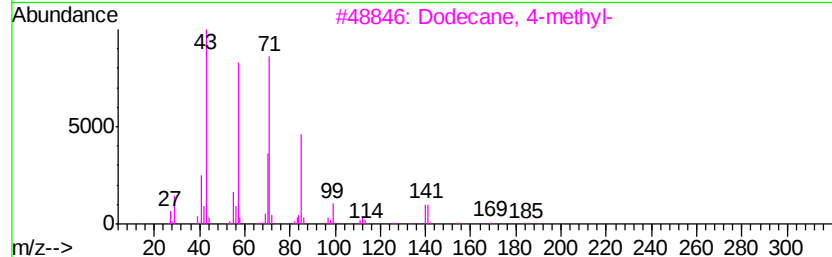
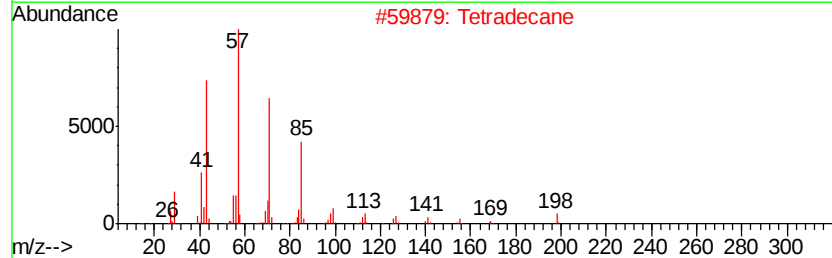
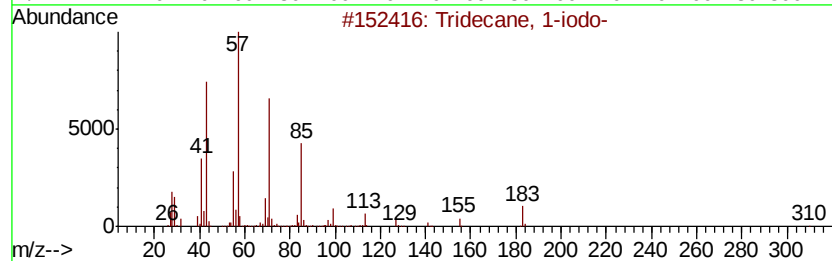
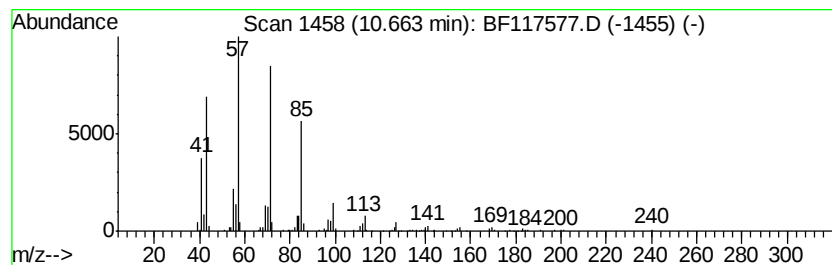
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Dodecane, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	66.28 ng	452691	Phenanthrene-d10	11.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2		Tetradecane	198	C14H30	000629-59-4	90
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5		Tridecane	184	C13H28	000629-50-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
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ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
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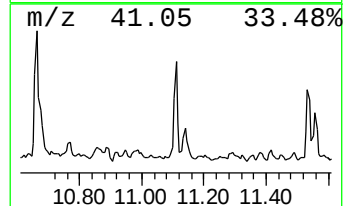
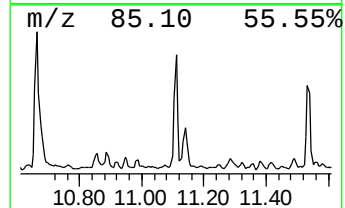
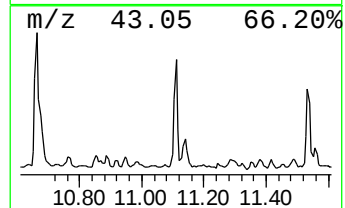
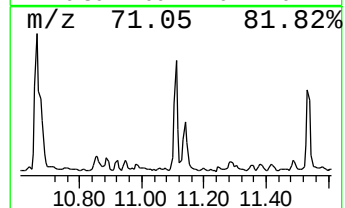
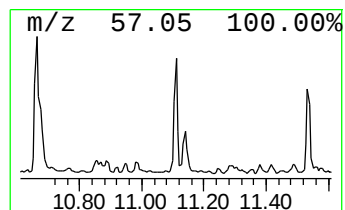
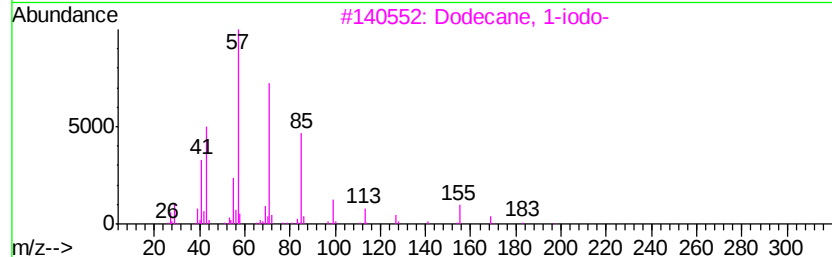
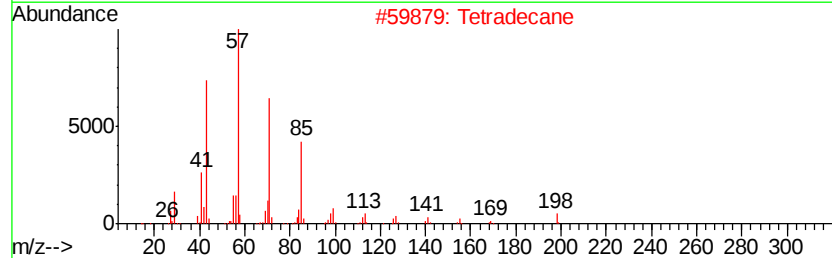
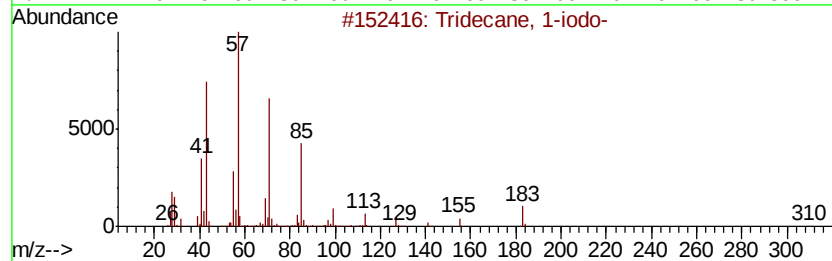
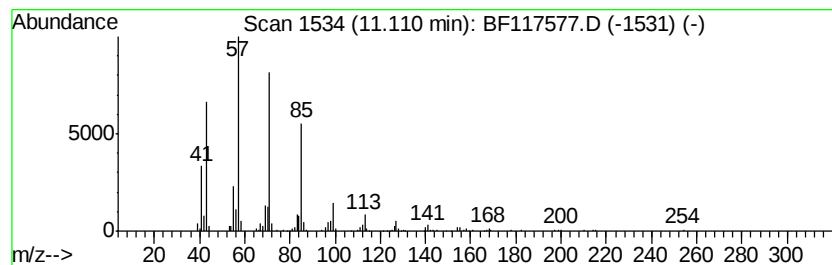
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tridecane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	36.76 ng	251075	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
5	Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117577.D
Acq On : 28 Oct 2019 22:18
Operator : JU
Sample : K5140-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-102519

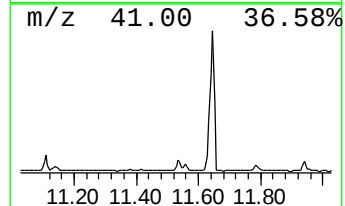
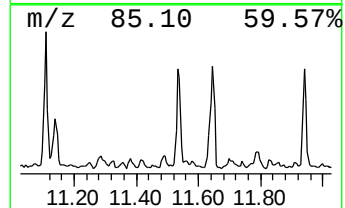
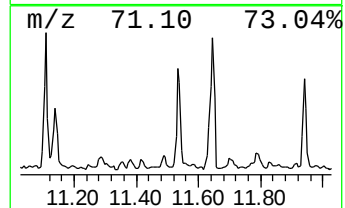
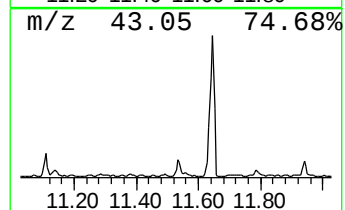
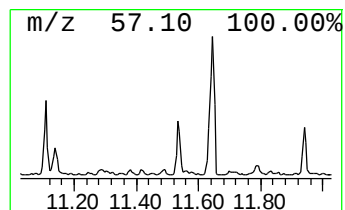
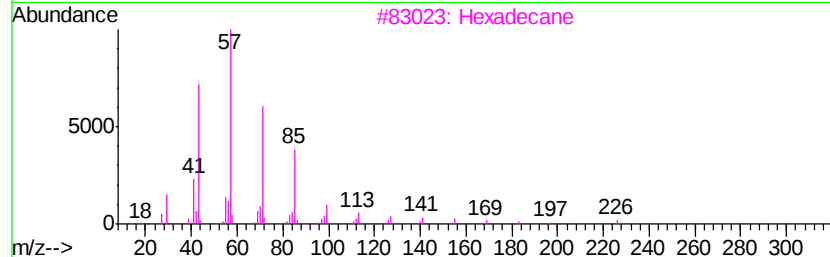
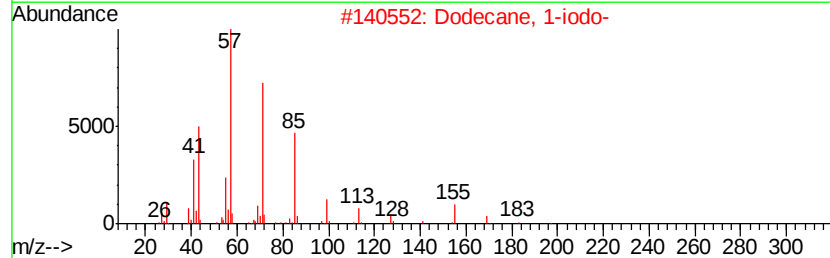
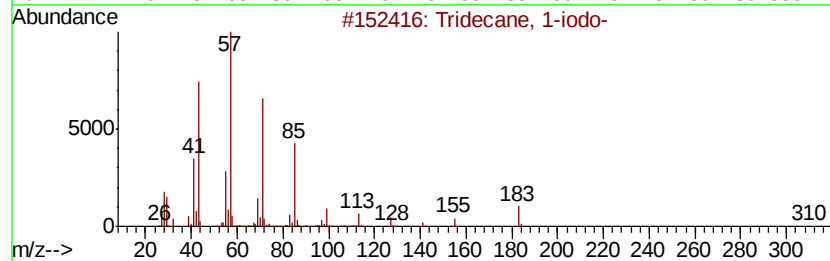
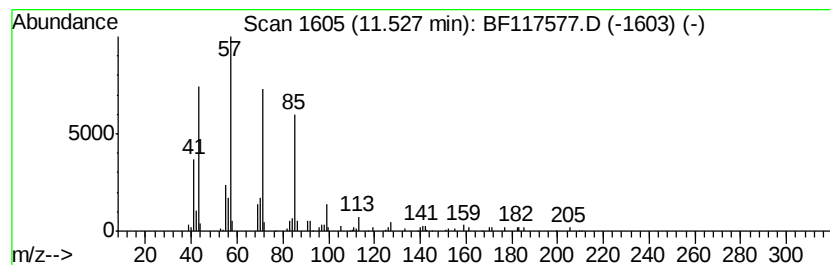
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Dodecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	31.35 ng	214105	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3		Hexadecane	226	C16H34	000544-76-3	83
4		Tetracosane	338	C24H50	000646-31-1	80
5		Nonadecane	268	C19H40	000629-92-5	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
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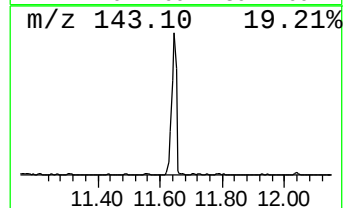
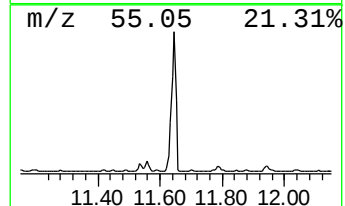
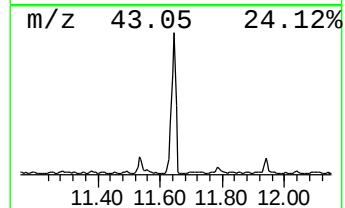
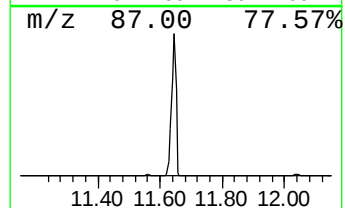
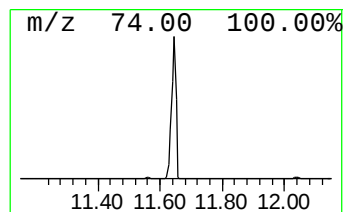
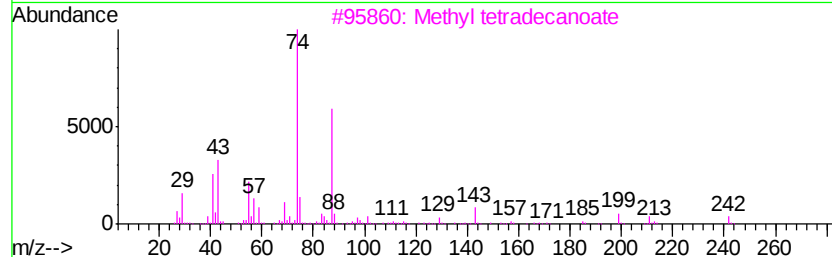
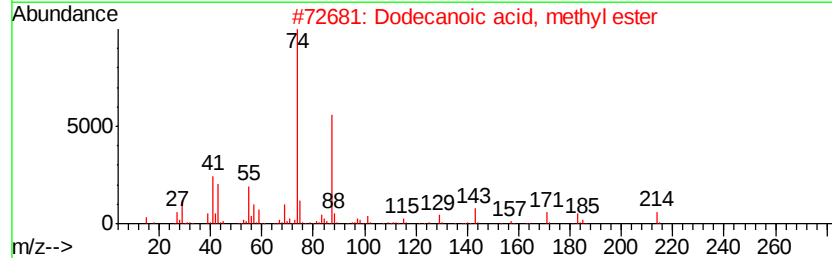
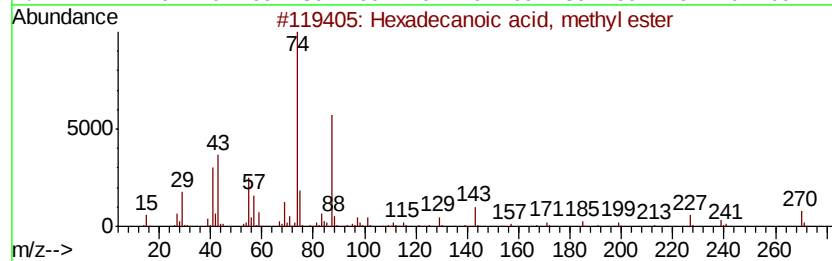
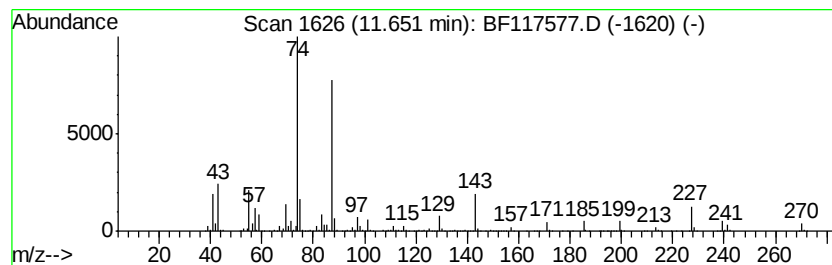
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	568.19 ng	3880630	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	91
3		Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
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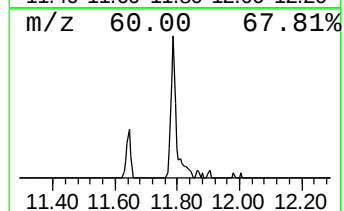
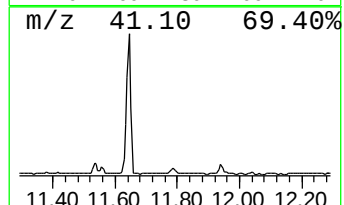
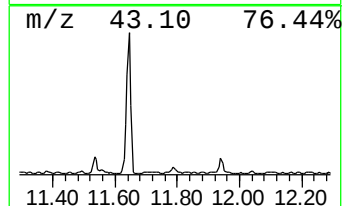
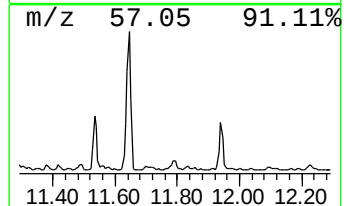
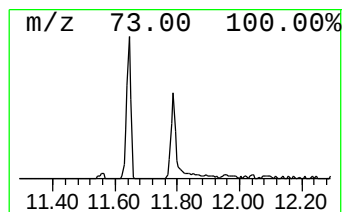
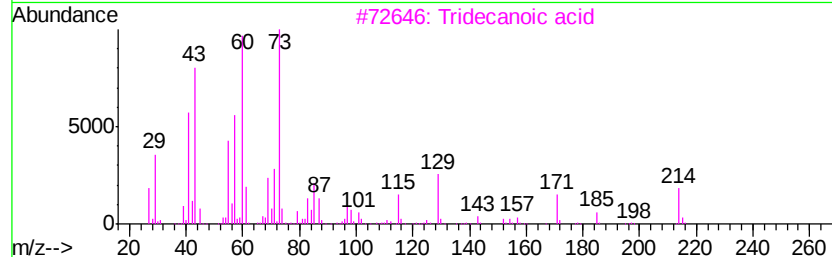
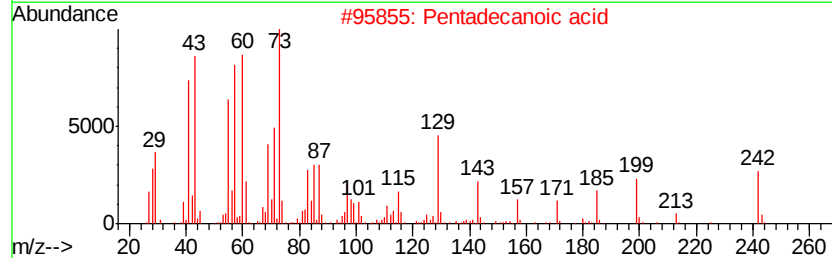
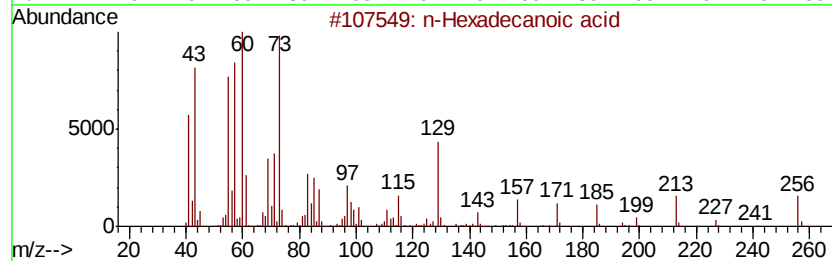
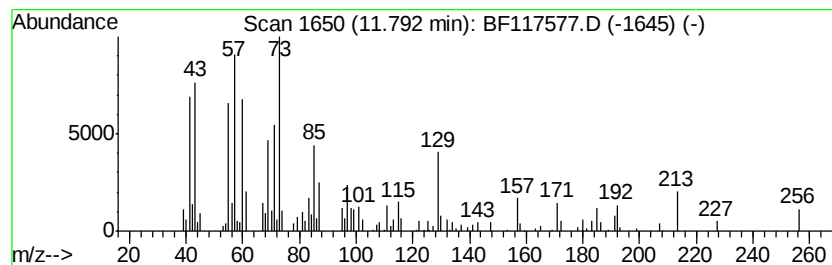
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	23.22 ng	158565	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3		Tridecanoic acid	214	C13H26O2	000638-53-9	62
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	47
5		n-Decanoic acid	172	C10H20O2	000334-48-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
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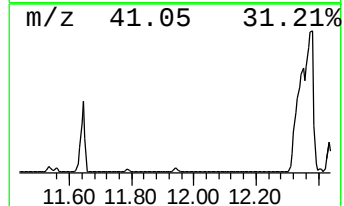
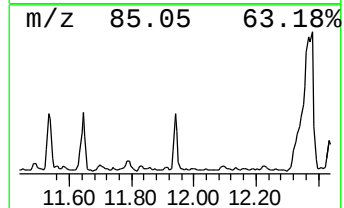
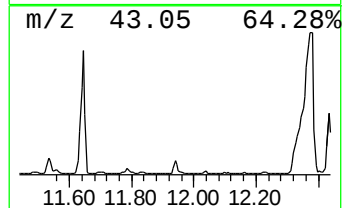
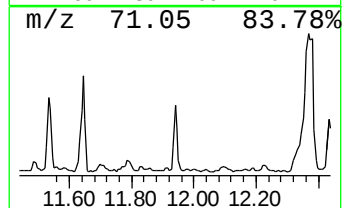
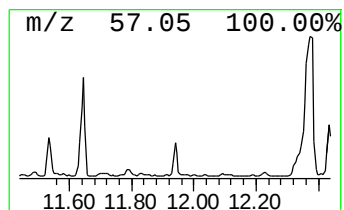
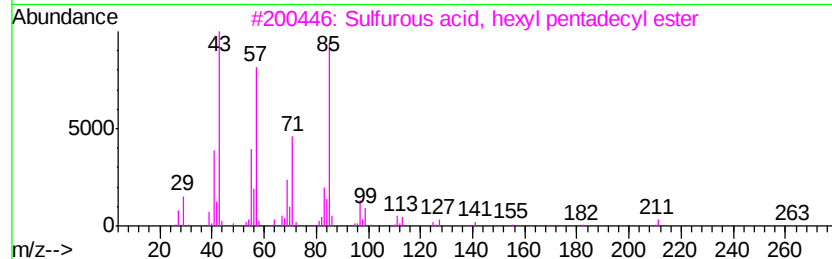
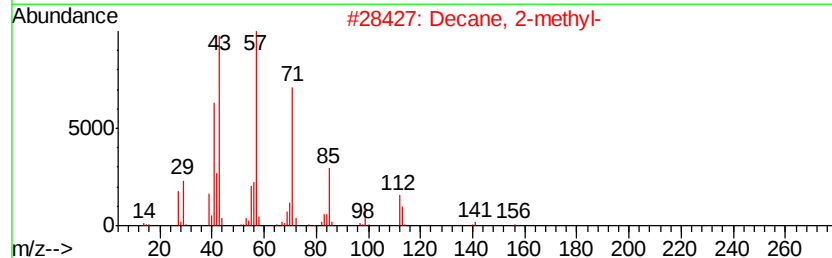
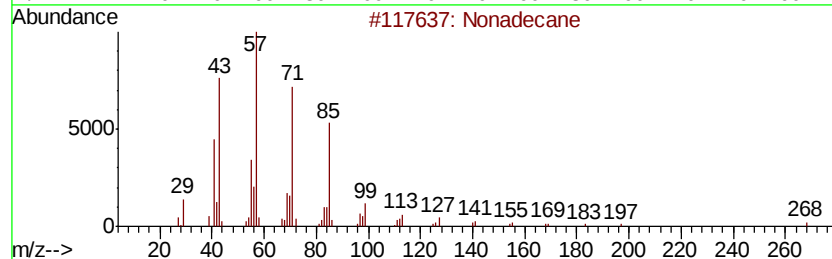
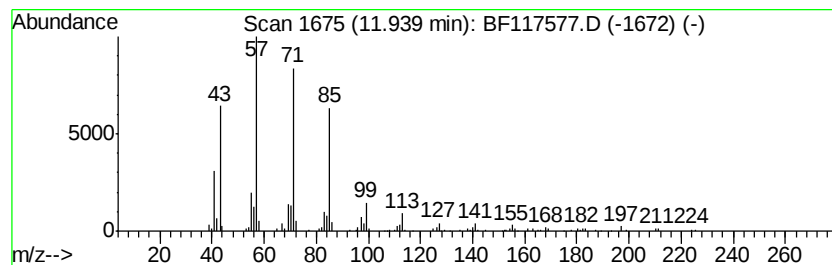
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	30.68 ng	209553	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	90
2		Decane, 2-methyl-	156	C11H24	006975-98-0	72
3		Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	59
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53
5		Hexadecane	226	C16H34	000544-76-3	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
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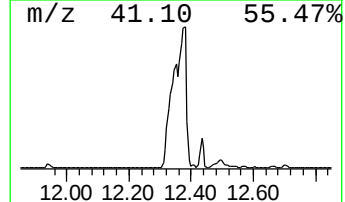
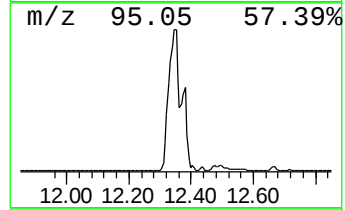
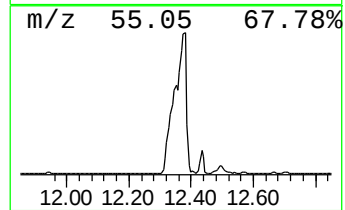
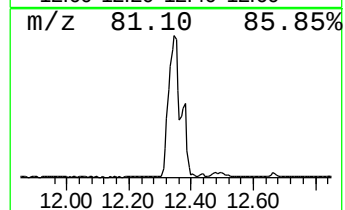
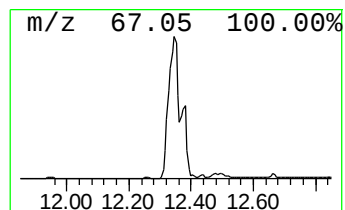
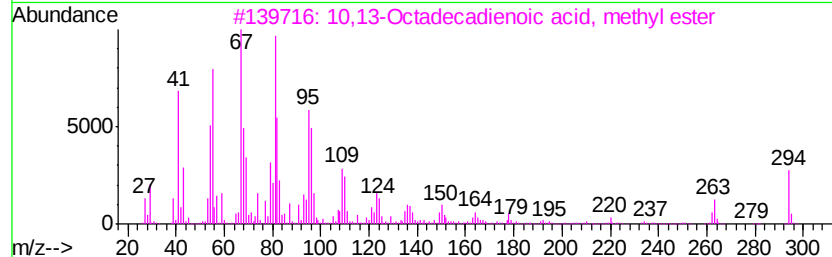
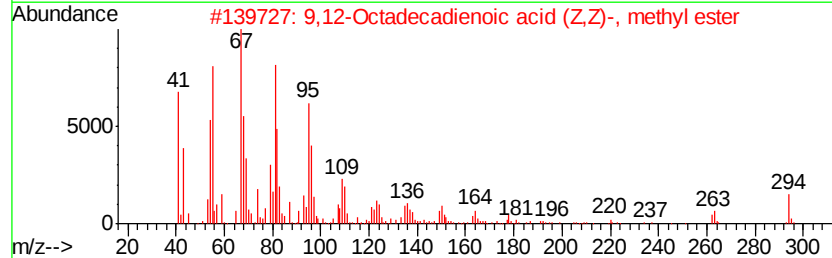
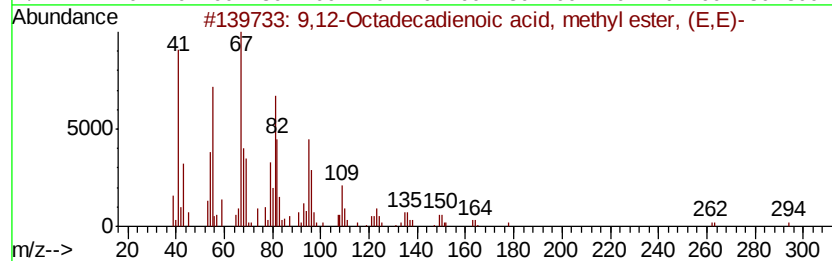
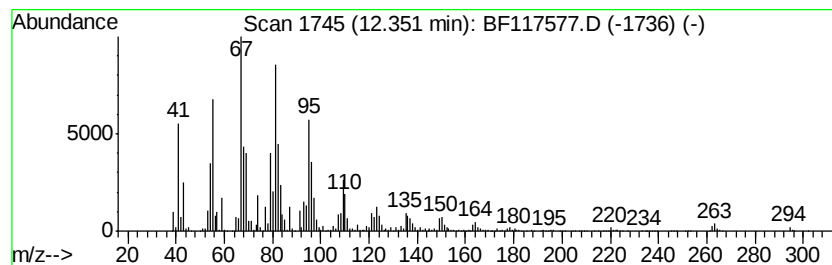
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	1774.32 ng	12118200	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98
4		Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
5		11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
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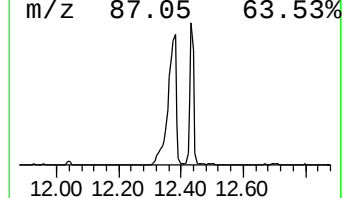
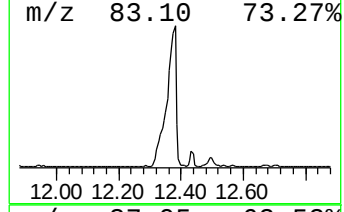
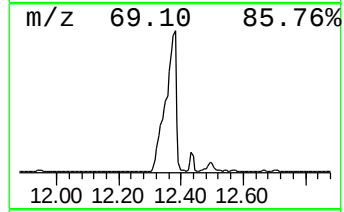
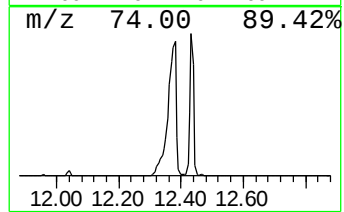
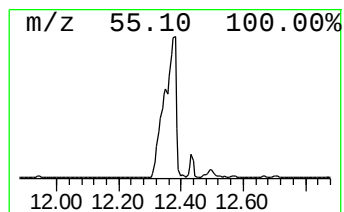
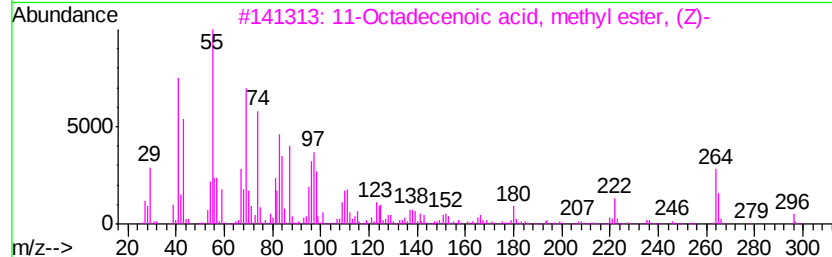
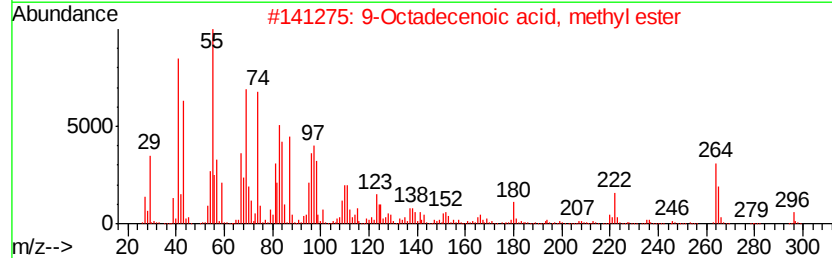
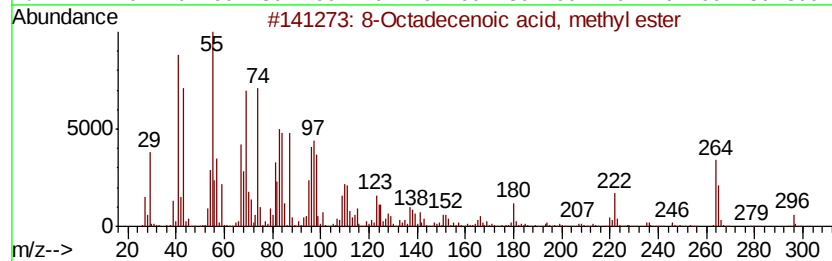
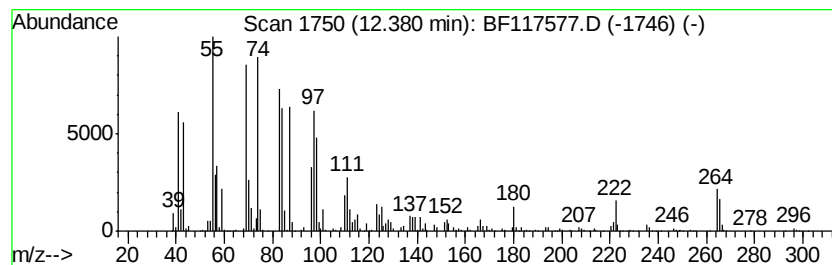
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 8-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	1660.95 ng	11343900	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	81
2		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	74
3		11-Octadecenoic acid, methyl ester	296	C19H36O2	001937-63-9	64
4		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	64
5		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117577.D
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
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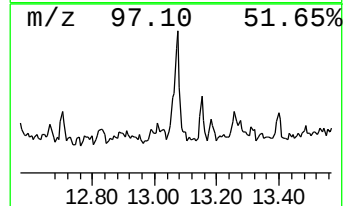
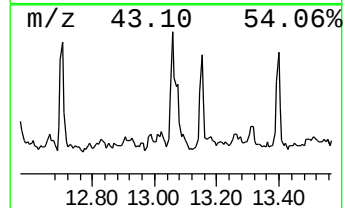
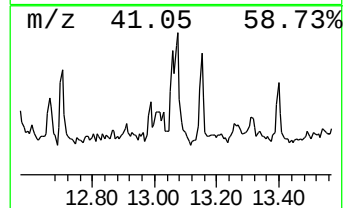
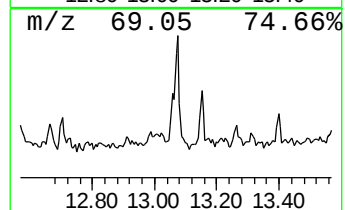
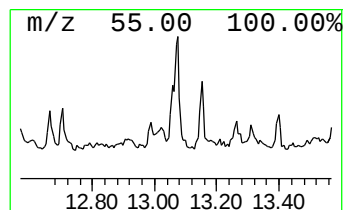
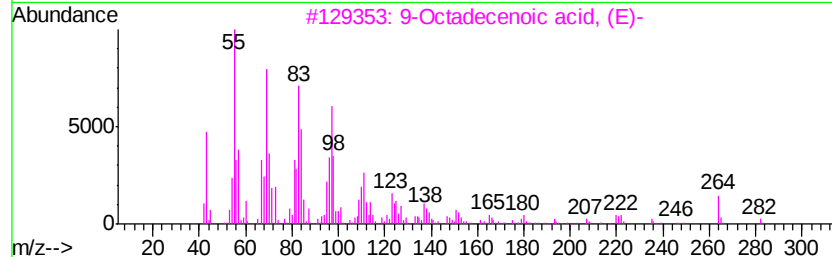
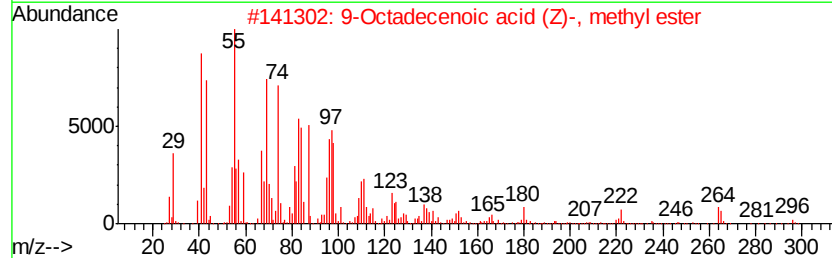
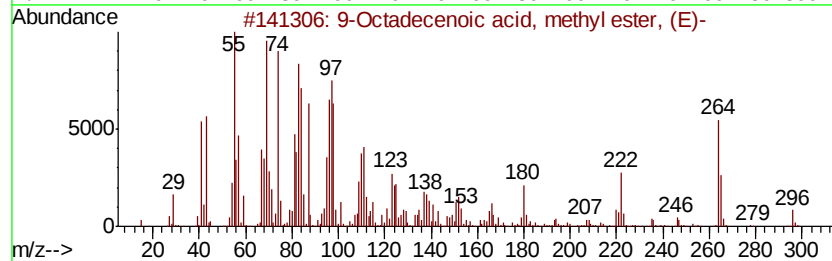
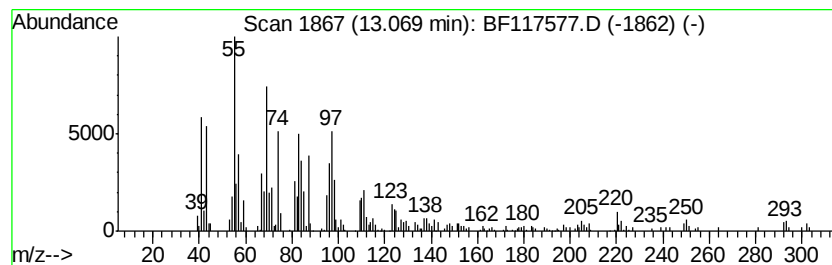
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 9-Octadecenoic acid, methyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	48.91 ng	458000	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	90
2		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	87
3		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	76
4		cis-10-Heptadecenoic acid, methv...	282	C18H34O2	1000333-62-1	70
5		14-Pentadecenoic acid	240	C15H28O2	017351-34-7	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117577.D
Acq On : 28 Oct 2019 22:18
Operator : JU
Sample : K5140-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-102519

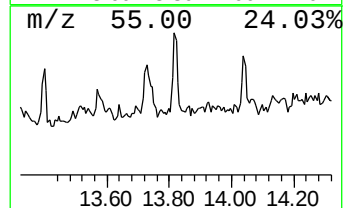
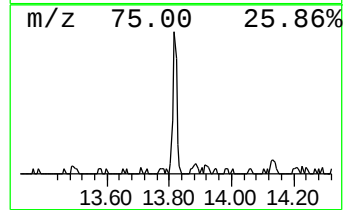
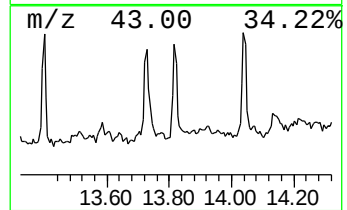
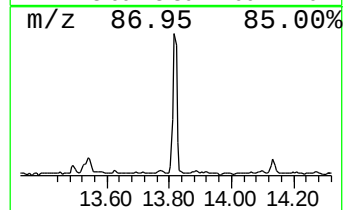
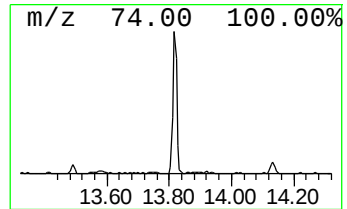
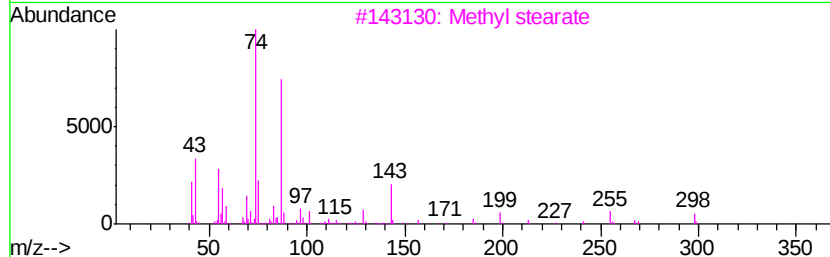
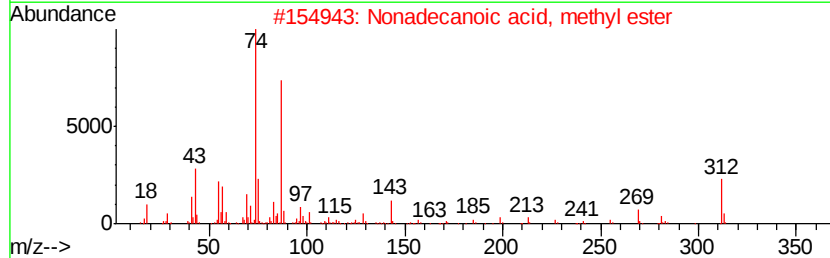
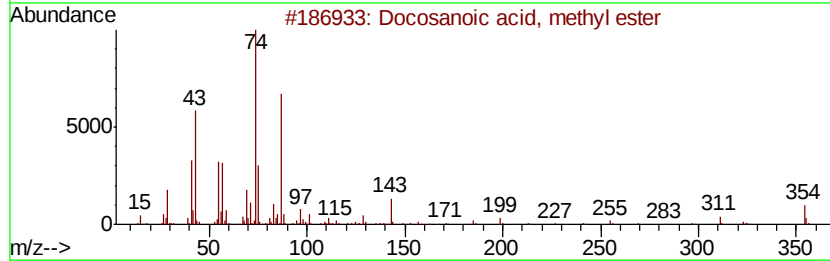
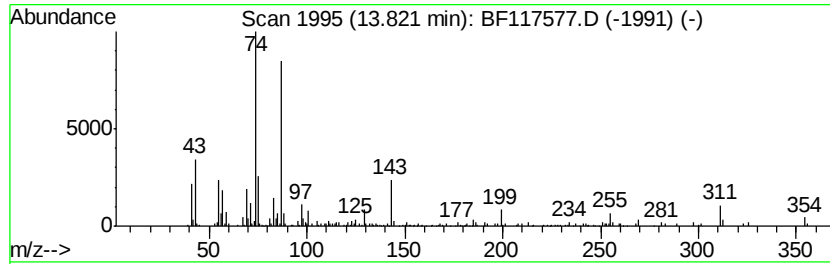
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Docosanoic acid, methyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	22.87 ng	214149	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	97
2		Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	91
3		Methyl stearate	298	C19H38O2	000112-61-8	86
4		Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	86
5		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117577.D
Acq On : 28 Oct 2019 22:18
Operator : JU
Sample : K5140-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-102519

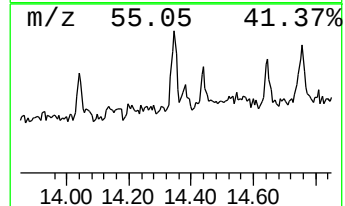
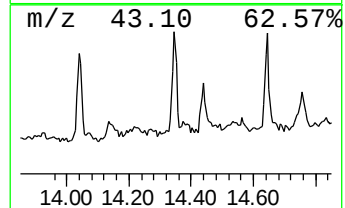
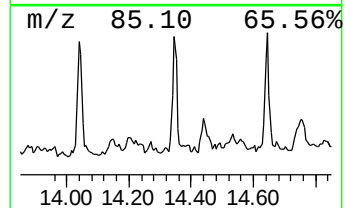
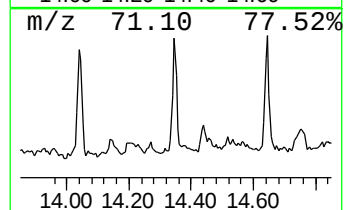
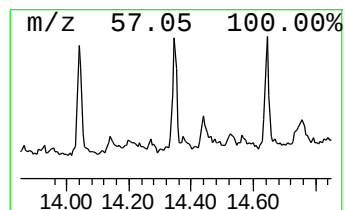
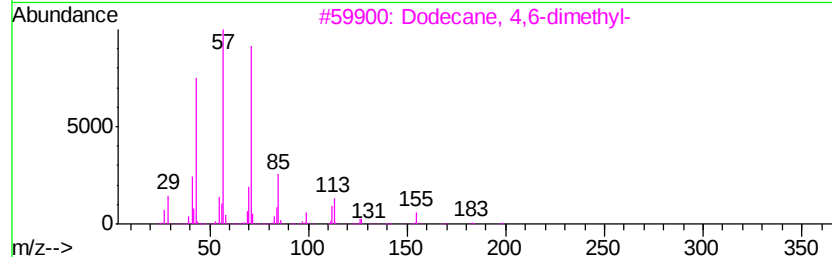
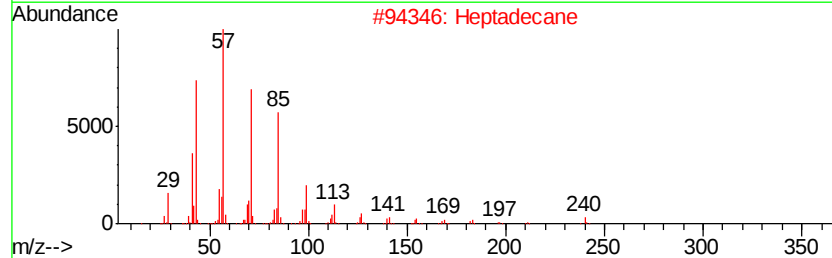
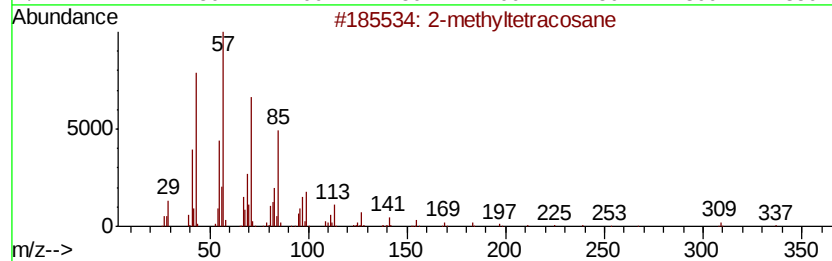
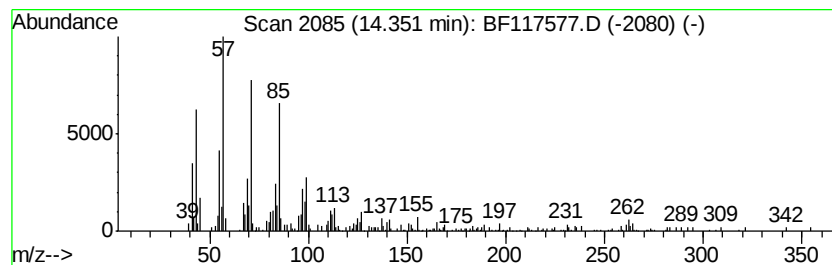
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 2-methyltetracosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	25.07 ng	234733	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyltetracosane	352	C25H52	1000376-72-6	81
2		Heptadecane	240	C17H36	000629-78-7	72
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	49
4		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	45
5		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
Data File : BF117577.D
Acq On : 28 Oct 2019 22:18
Operator : JU
Sample : K5140-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-102519

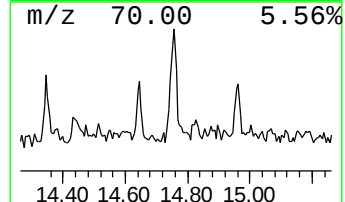
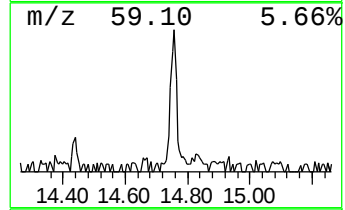
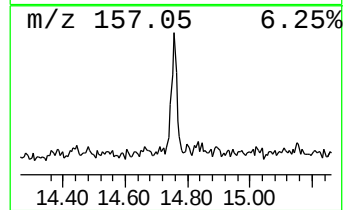
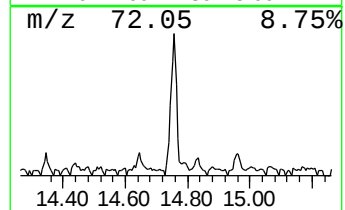
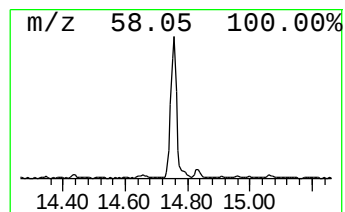
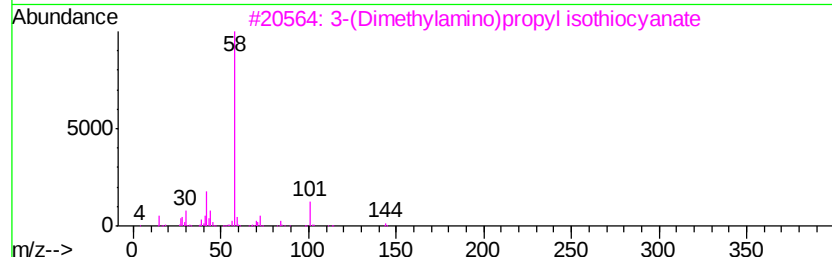
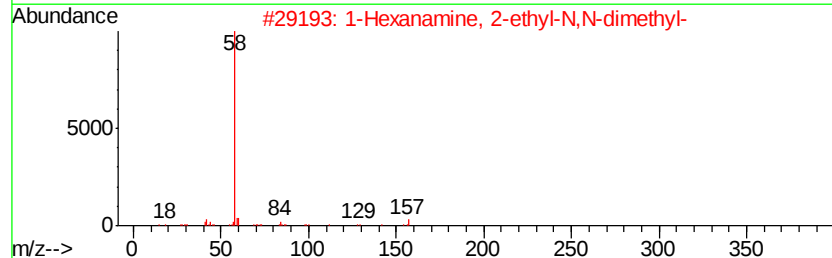
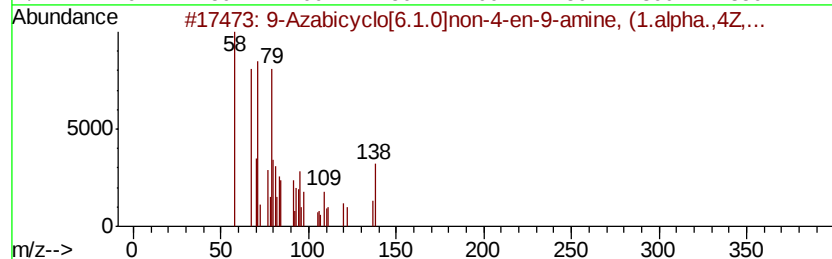
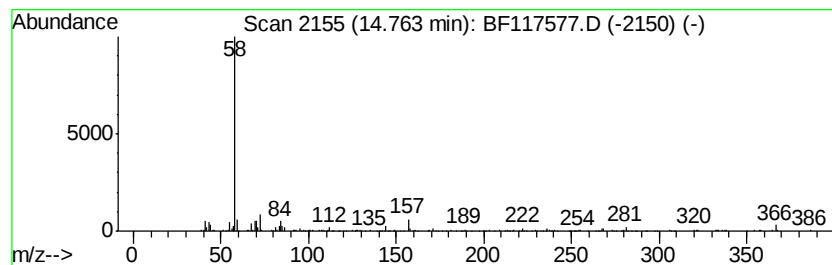
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 9-Azabicyclo[6.1.0]non-4-en... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	29.69 ng	298388	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Azabicyclo[6.1.0]non-4-en-9-am...	138	C8H14N2	066387-78-8	76
2		1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
3		3-(Dimethylamino)propyl isothiocy...	144	C6H12N2S	027421-70-1	72
4		N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
5		Tetradonium Bromide	335	C17H38BrN	001119-97-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102819\
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 Acq On : 28 Oct 2019 22:18
 Operator : JU
 Sample : K5140-05 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-102519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.50	6.50	33.2	ng	534489	1	6.73	321872	20.0
Decane	6.56	33.7	ng	542162	1	6.73	321872	20.0
Naphthalene, deca...	7.12	23.0	ng	369821	1	6.73	321872	20.0
Octadecane, 1-iodo-	8.96	32.0	ng	281767	3	9.76	176140	20.0
Bacchotricuneatin c	9.03	34.6	ng	304798	3	9.76	176140	20.0
Tetradecane	9.17	76.8	ng	676230	3	9.76	176140	20.0
Decane, 2,3,5-tri...	9.69	50.6	ng	445709	3	9.76	176140	20.0
Hexadecane	10.19	38.0	ng	334863	3	9.76	176140	20.0
Dodecane, 4-methyl-	10.66	66.3	ng	452691	4	11.25	136595	20.0
Tridecane, 1-iodo-	11.11	36.8	ng	251075	4	11.25	136595	20.0
Dodecane, 1-iodo-	11.53	31.4	ng	214105	4	11.25	136595	20.0
Hexadecanoic acid...	11.65	568.2	ng	3880630	4	11.25	136595	20.0
n-Hexadecanoic acid	11.79	23.2	ng	158565	4	11.25	136595	20.0
Nonadecane	11.94	30.7	ng	209553	4	11.25	136595	20.0
9,12-Octadecadien...	12.35	1774.3	ng	12118200	4	11.25	136595	20.0
8-Octadecenoic ac...	12.38	1661.0	ng	11343900	4	11.25	136595	20.0
9-Octadecenoic ac...	13.07	48.9	ng	458000	5	13.89	187299	20.0
Docosanoic acid, ...	13.82	22.9	ng	214149	5	13.89	187299	20.0
2-methyltetracosane	14.35	25.1	ng	234733	5	13.89	187299	20.0
9-Azabicyclo[6.1....	14.76	29.7	ng	298388	6	15.33	200977	20.0