

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107549.D
 Acq On : 21 Jul 2018 2:42
 Operator : JU/SJ
 Sample : J4030-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0

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-BF072018.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	3.237	145	153	161	rVB2	64221	153139	2.93%	0.235%
2	4.354	336	343	346	rBV2	45861	66001	1.26%	0.101%
3	4.666	393	396	402	rVB2	58660	70211	1.34%	0.108%
4	5.154	476	479	484	rVB2	68608	68399	1.31%	0.105%
5	5.207	484	488	495	rBV	787113	918448	17.55%	1.411%
6	5.389	515	519	528	rVB2	56650	84027	1.61%	0.129%
7	5.572	547	550	552	rBV	71625	76686	1.47%	0.118%
8	5.607	552	556	577	rVV	3884402	4907975	93.78%	7.539%
9	5.831	591	594	597	rBV2	85551	90005	1.72%	0.138%
10	6.001	616	623	626	rBV4	51089	69670	1.33%	0.107%
11	6.136	643	646	649	rVB3	82408	68485	1.31%	0.105%
12	6.213	655	659	660	rBV2	58652	61373	1.17%	0.094%
13	6.272	667	669	671	rVB	95859	73674	1.41%	0.113%
14	6.407	687	692	695	rBV3	55896	85900	1.64%	0.132%
15	6.507	703	709	714	rBV5	74115	134807	2.58%	0.207%
16	6.607	722	726	739	rBV	3927638	5050042	96.49%	7.757%
17	6.748	746	750	756	rBV	4856254	4987210	95.29%	7.660%
18	6.795	756	758	774	rVB	262220	355683	6.80%	0.546%
19	6.978	785	789	795	rBV	1601957	1816304	34.70%	2.790%
20	7.025	795	797	806	rVB4	121558	166659	3.18%	0.256%
21	7.130	811	815	829	rVB	4137774	4043039	77.25%	6.210%
22	7.295	839	843	849	rVB4	53403	87778	1.68%	0.135%
23	7.536	880	884	894	rBV	2948346	3262011	62.33%	5.010%
24	7.778	921	925	929	rVB3	42098	68139	1.30%	0.105%
25	7.895	942	945	952	rVB6	50159	76378	1.46%	0.117%
26	7.989	952	961	964	rBV2	83466	110035	2.10%	0.169%
27	8.219	998	1000	1003	rBV	159238	142777	2.73%	0.219%
28	8.260	1003	1007	1012	rVV	2121159	2330721	44.53%	3.580%
29	8.301	1012	1014	1017	rVB	179007	153914	2.94%	0.236%
30	8.536	1050	1054	1059	rVB6	62960	82721	1.58%	0.127%
31	8.619	1059	1068	1070	rBV3	61332	122598	2.34%	0.188%
32	8.660	1073	1075	1078	rVV	272925	191198	3.65%	0.294%
33	8.830	1101	1104	1107	rBV	208980	156443	2.99%	0.240%
34	8.972	1125	1128	1135	rBV	319311	336773	6.43%	0.517%

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35	9.072	1141	1145	1148	rBV	335422	319944	6.11%	0.491%
36	9.195	1163	1166	1169	rVB2	79448	63502	1.21%	0.098%
37	9.260	1174	1177	1181	rVB	160308	138259	2.64%	0.212%
38	9.330	1185	1189	1198	rBV	5558853	5233592	100.00%	8.039%
39	9.395	1198	1200	1203	rVV	258695	238761	4.56%	0.367%
40	9.436	1203	1207	1212	rVB	99344	128039	2.45%	0.197%
41	9.601	1231	1235	1239	rBV	129938	197832	3.78%	0.304%
42	9.672	1244	1247	1249	rBV	285623	287512	5.49%	0.442%
43	9.701	1249	1252	1253	rVV	174800	178861	3.42%	0.275%
44	9.724	1253	1256	1263	rVB2	1053437	1113120	21.27%	1.710%
45	9.789	1263	1267	1269	rBV2	149293	157775	3.01%	0.242%
46	9.877	1279	1282	1286	rBV2	126161	122520	2.34%	0.188%
47	9.930	1286	1291	1295	rVB	248659	251899	4.81%	0.387%
48	9.995	1299	1302	1303	rBV	124590	118179	2.26%	0.182%
49	10.019	1303	1306	1310	rVV	2059452	1841326	35.18%	2.828%
50	10.119	1319	1323	1327	rVB4	53814	72640	1.39%	0.112%
51	10.171	1327	1332	1334	rBV4	73314	125988	2.41%	0.194%
52	10.219	1336	1340	1343	rVV2	181866	233028	4.45%	0.358%
53	10.254	1343	1346	1350	rVB3	153043	176885	3.38%	0.272%
54	10.330	1356	1359	1361	rBV	167120	169514	3.24%	0.260%
55	10.360	1361	1364	1369	rVV2	128022	166185	3.18%	0.255%
56	10.424	1369	1375	1380	rVV3	338631	474995	9.08%	0.730%
57	10.554	1394	1397	1401	rBV2	172748	191759	3.66%	0.295%
58	10.648	1410	1413	1416	rBV	180890	156668	2.99%	0.241%
59	10.724	1421	1426	1429	rVB3	129741	165583	3.16%	0.254%
60	10.813	1437	1441	1447	rBV	2852276	3047742	58.23%	4.681%
61	10.913	1453	1458	1466	rVB	560154	842156	16.09%	1.294%
62	11.113	1486	1492	1496	rBV7	55228	122492	2.34%	0.188%
63	11.242	1509	1514	1517	rBV4	154326	243859	4.66%	0.375%
64	11.313	1523	1526	1530	rBV2	117923	145356	2.78%	0.223%
65	11.354	1530	1533	1536	rVV	336282	315560	6.03%	0.485%
66	11.383	1536	1538	1540	rVV2	142455	131162	2.51%	0.201%
67	11.407	1540	1542	1548	rVB3	67802	68289	1.30%	0.105%
68	11.513	1556	1560	1562	rBV	2111810	1946681	37.20%	2.990%
69	11.536	1562	1564	1570	rVV	733609	680335	13.00%	1.045%
70	11.589	1570	1573	1577	rVV	94778	102150	1.95%	0.157%
71	11.660	1583	1585	1588	rBV4	44419	54878	1.05%	0.084%

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72	11.689	1588	1590	1594	rVB4	64556	75354	1.44%	0.116%
73	11.748	1595	1600	1603	rBV4	75923	156633	2.99%	0.241%
74	11.777	1603	1605	1608	rVB2	247640	208852	3.99%	0.321%
75	11.842	1614	1616	1620	rVB2	54137	57340	1.10%	0.088%
76	12.018	1642	1646	1648	rBV2	338457	414613	7.92%	0.637%
77	12.042	1648	1650	1654	rVB	352385	303320	5.80%	0.466%
78	12.124	1661	1664	1666	rBV2	237872	246732	4.71%	0.379%
79	12.148	1666	1668	1672	rVB	201539	161936	3.09%	0.249%
80	12.189	1672	1675	1678	rBV	244553	224531	4.29%	0.345%
81	12.307	1692	1695	1698	rBV	150308	153304	2.93%	0.235%
82	12.336	1698	1700	1706	rVB	82651	91162	1.74%	0.140%
83	12.460	1719	1721	1724	rBV3	70205	81999	1.57%	0.126%
84	12.577	1739	1741	1743	rVB	199607	149189	2.85%	0.229%
85	12.618	1746	1748	1751	rVB	106468	92162	1.76%	0.142%
86	12.654	1751	1754	1757	rBV2	113241	137037	2.62%	0.210%
87	12.730	1763	1767	1770	rBV	974039	868434	16.59%	1.334%
88	12.760	1770	1772	1775	rVB2	270522	238226	4.55%	0.366%
89	12.960	1800	1806	1812	rBV	815959	1053737	20.13%	1.619%
90	13.007	1812	1814	1818	rVB2	134200	140672	2.69%	0.216%
91	13.095	1825	1829	1833	rBV	4552152	4142516	79.15%	6.363%
92	13.307	1863	1865	1868	rVB	204813	150317	2.87%	0.231%
93	13.648	1921	1923	1926	rBV	173280	156923	3.00%	0.241%
94	13.795	1946	1948	1953	rVB	155437	139311	2.66%	0.214%
95	13.977	1976	1979	1982	rBV	335013	294709	5.63%	0.453%
96	14.159	2006	2010	2013	rBV2	2142100	2350965	44.92%	3.611%
97	14.183	2013	2014	2020	rVB	440538	400984	7.66%	0.616%
98	14.295	2031	2033	2036	rVB	213652	189243	3.62%	0.291%
99	15.236	2190	2193	2197	rBV	318015	471459	9.01%	0.724%
100	15.695	2267	2271	2280	rBV	1053488	1457740	27.85%	2.239%

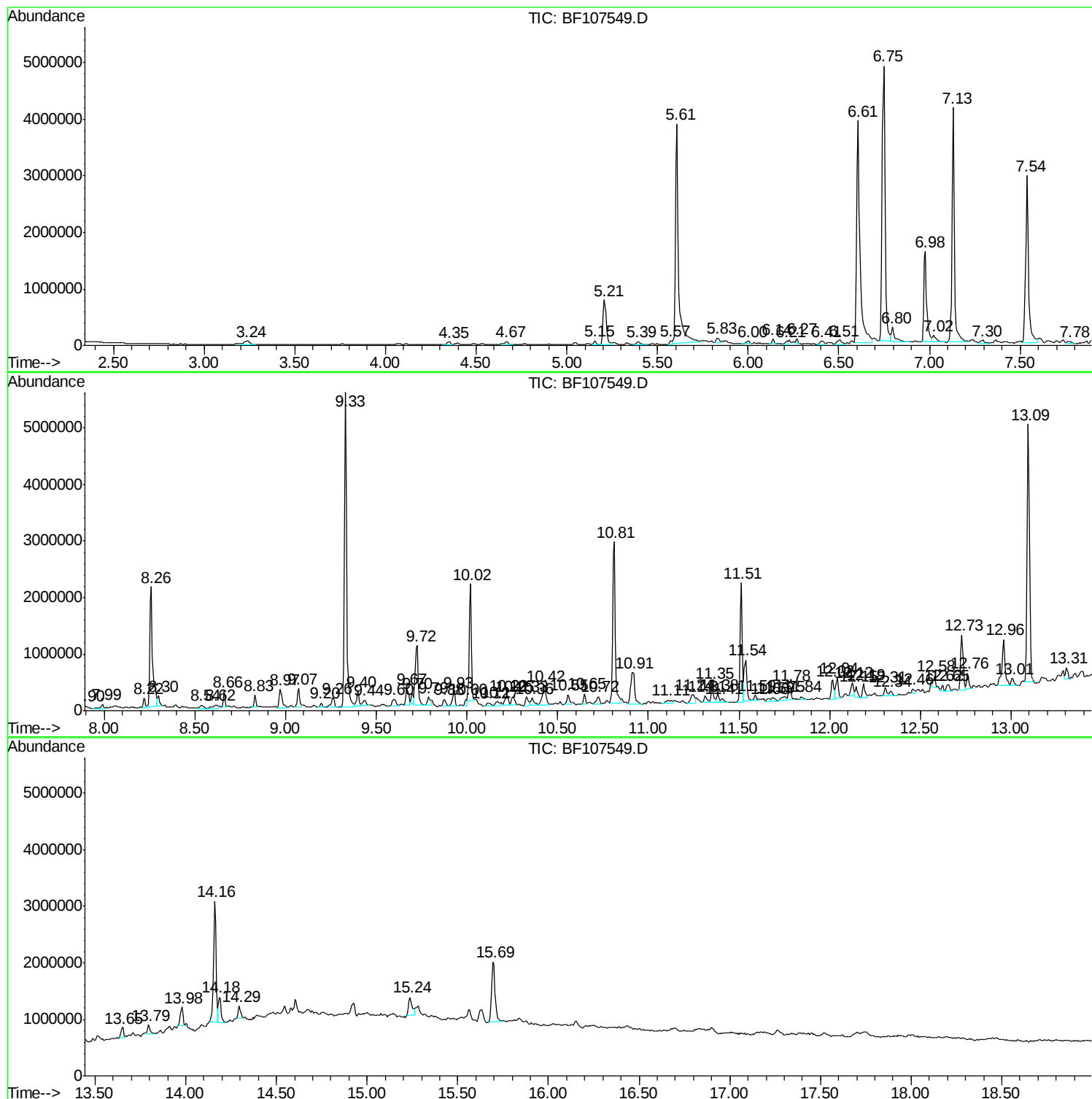
Sum of corrected areas: 65103649

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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.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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Instrument :
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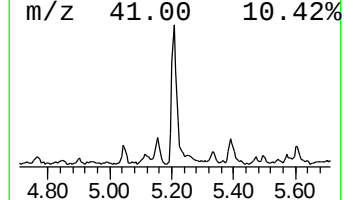
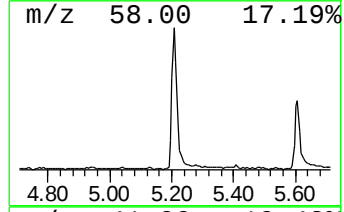
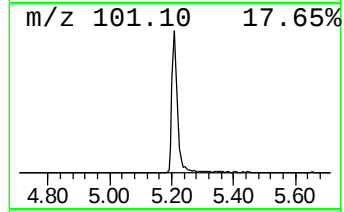
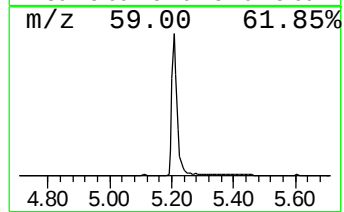
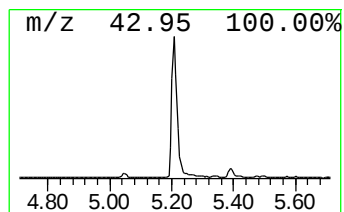
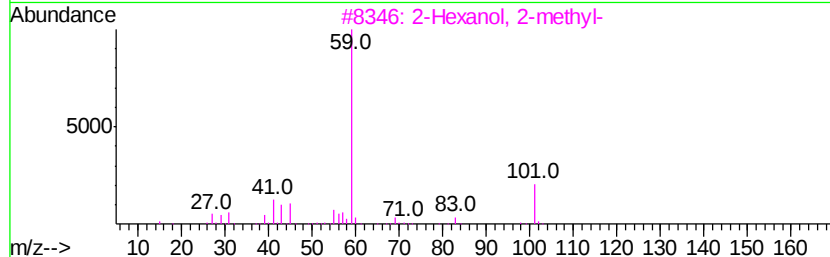
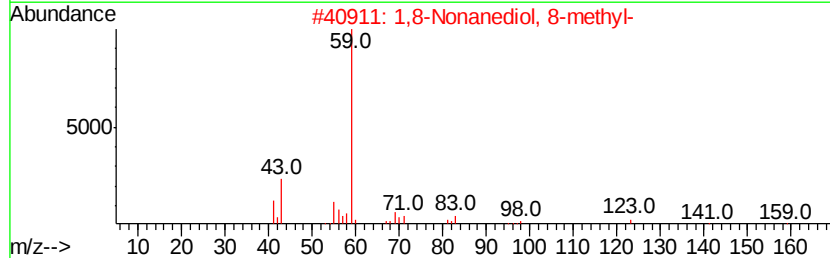
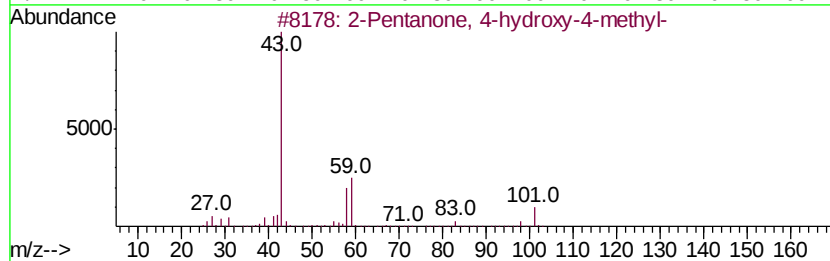
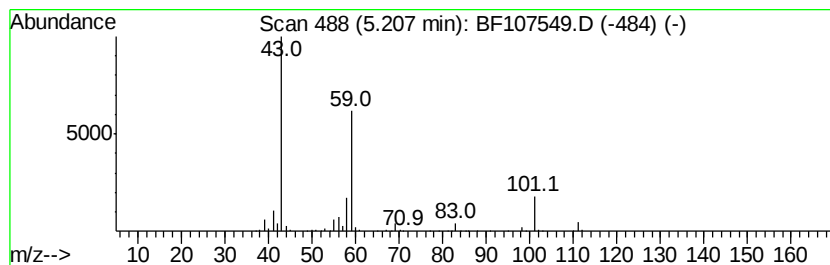
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	10.11 ng	918448	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	47
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
5		3-Octanol	130	C8H18O	000589-98-0	28



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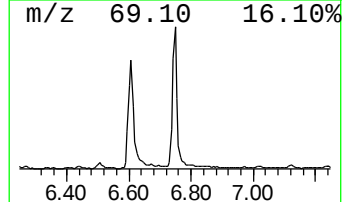
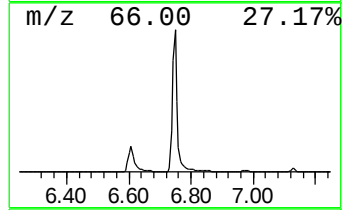
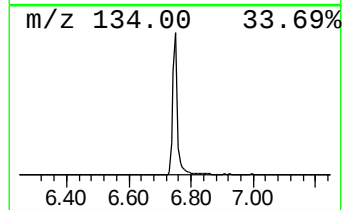
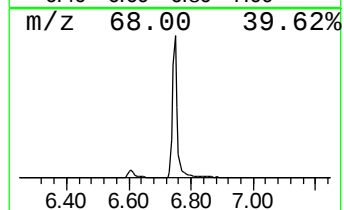
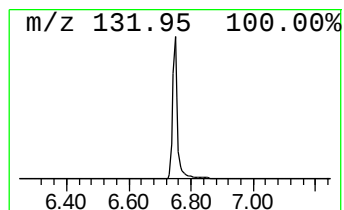
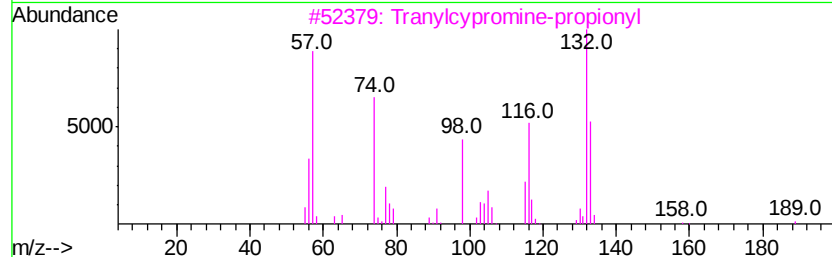
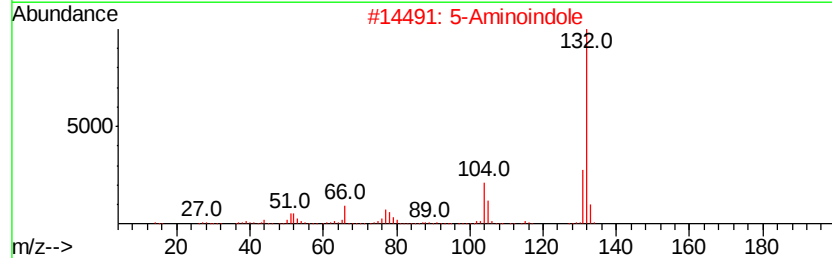
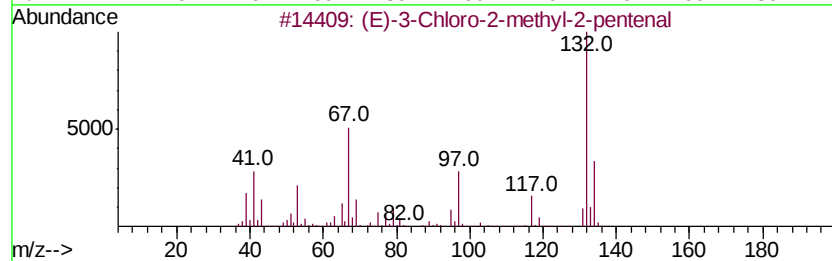
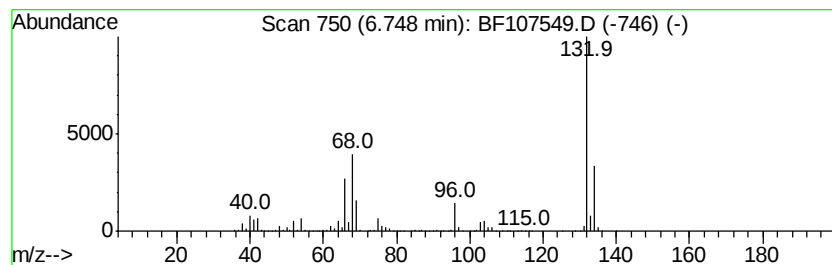
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.75 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	54.92 ng	4987210	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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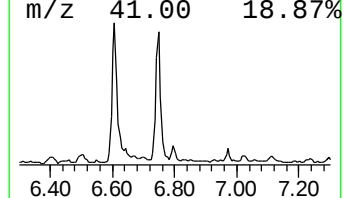
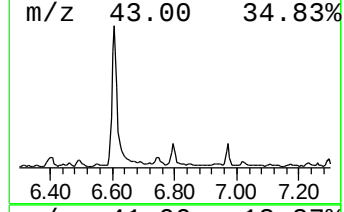
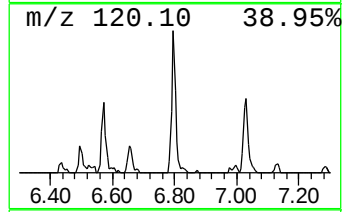
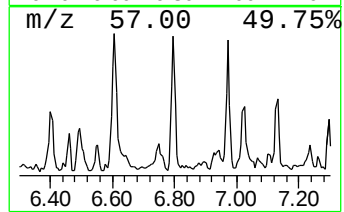
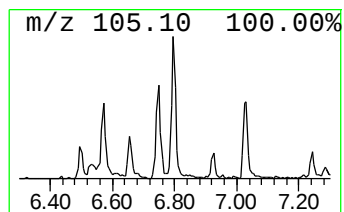
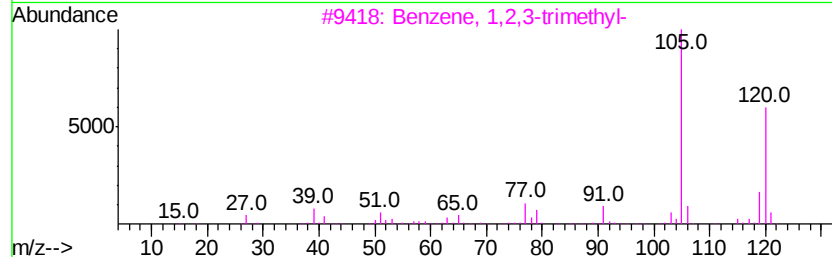
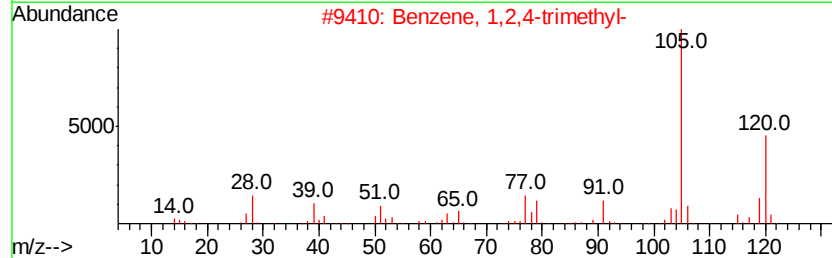
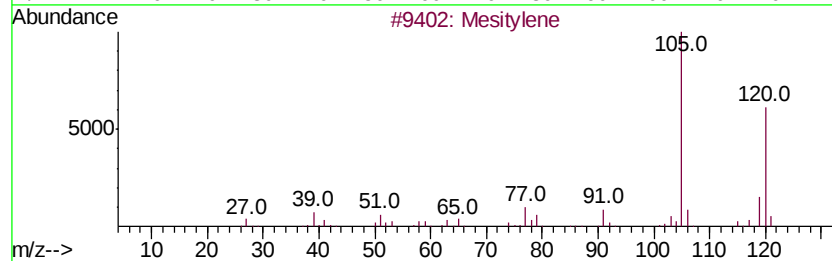
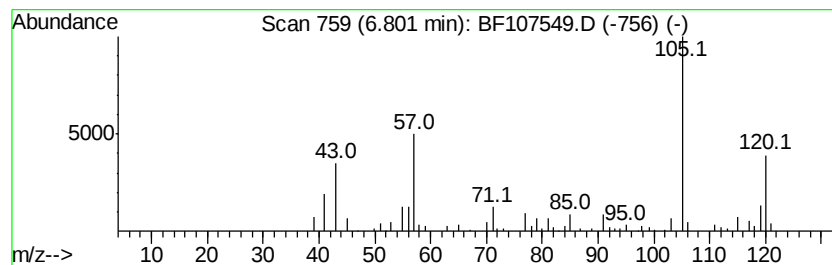
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Mesitylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	3.92 ng	355683	1,4-Dichlorobenzene-d4	6.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mesitylene	120	C9H12	000108-67-8	94
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107549.D
Acq On : 21 Jul 2018 2:42
Operator : JU/SJ
Sample : J4030-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB1-12-0

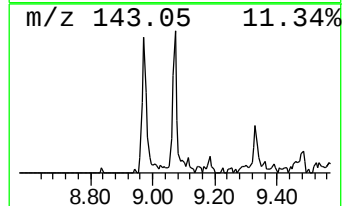
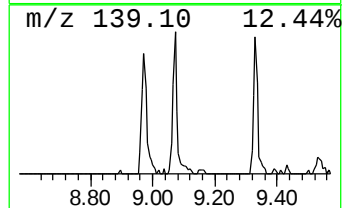
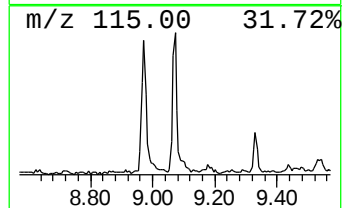
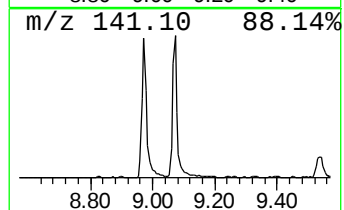
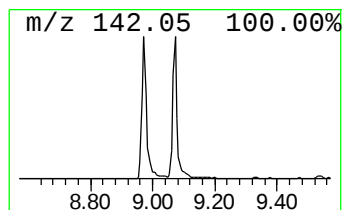
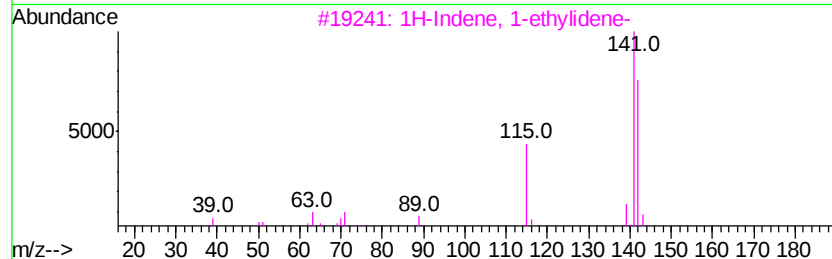
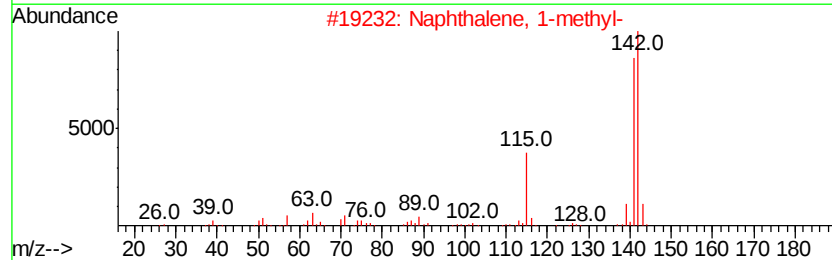
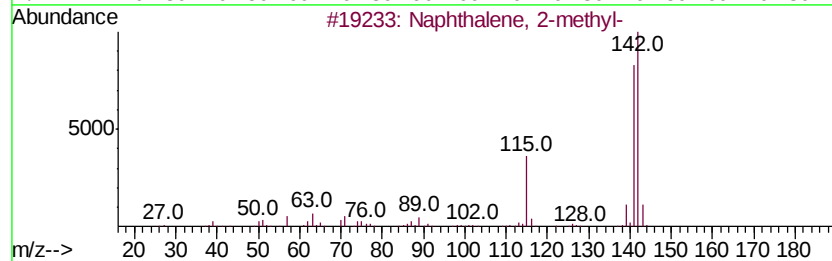
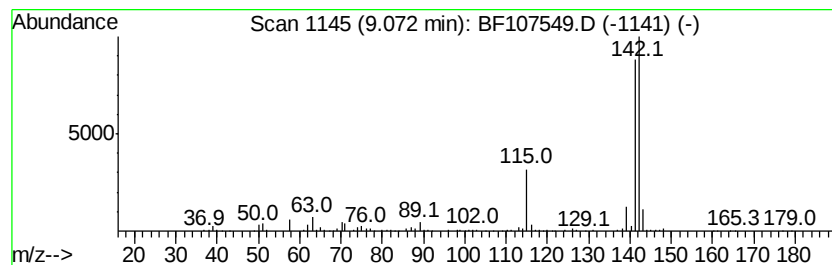
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	2.75 ng	319944	Naphthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
4		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



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Acq On : 21 Jul 2018 2:42
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ClientSampleId :
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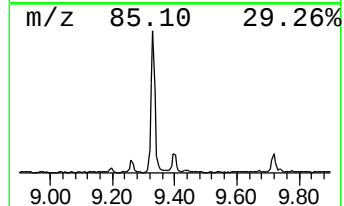
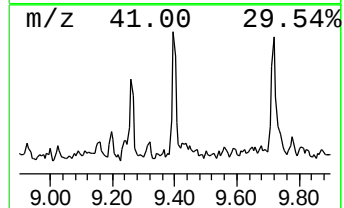
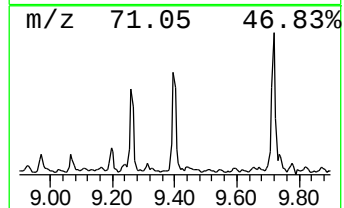
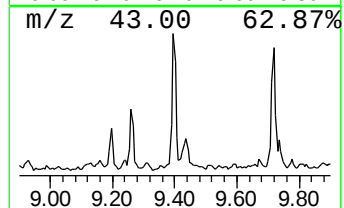
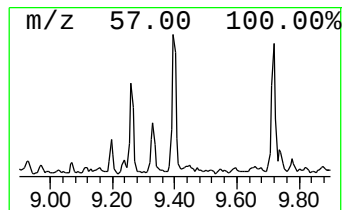
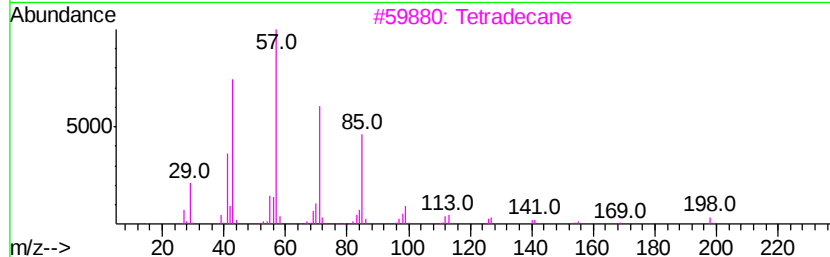
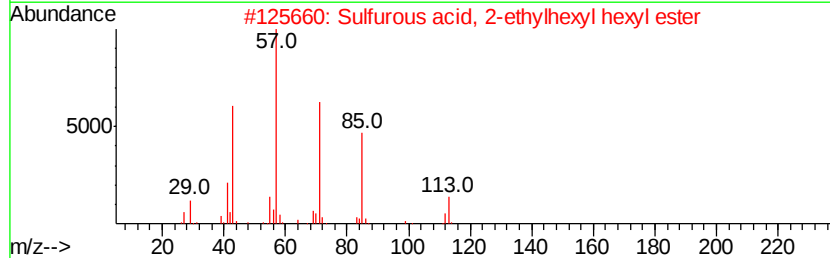
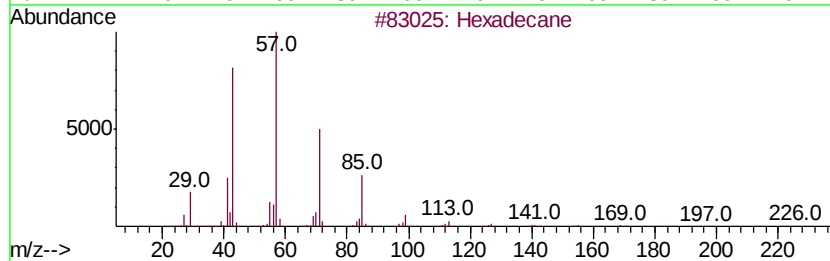
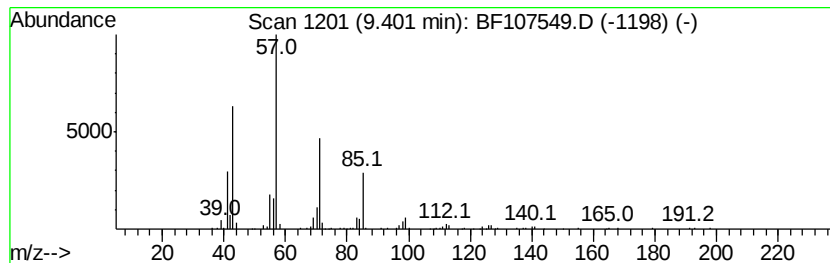
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	2.59 ng	238761	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	87
2		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
3		Tetradecane	198	C14H30	000629-59-4	80
4		Pentadecane	212	C15H32	000629-62-9	78
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
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Sample : J4030-02
Misc :
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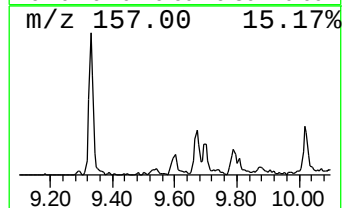
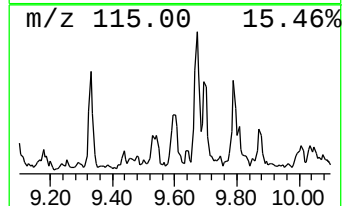
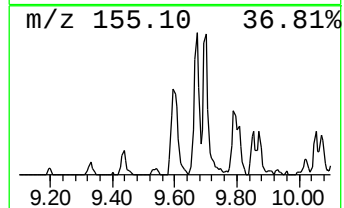
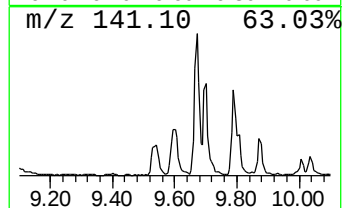
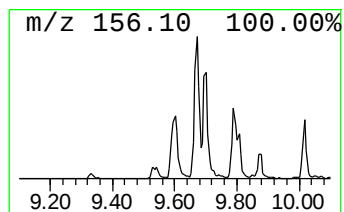
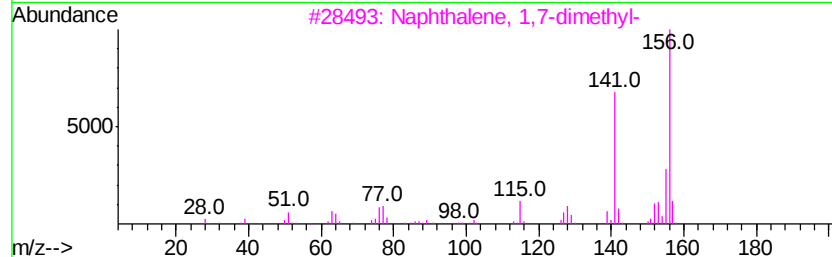
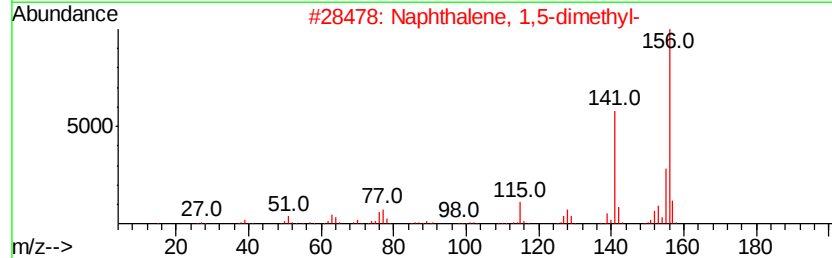
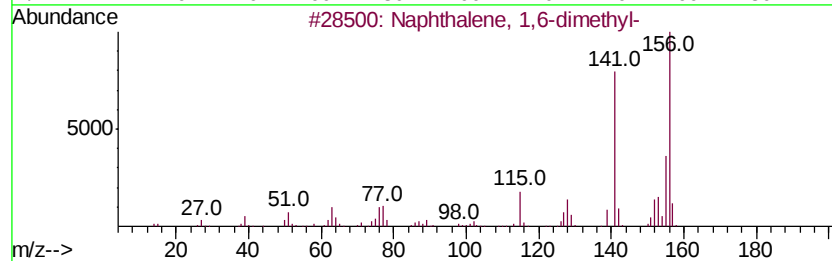
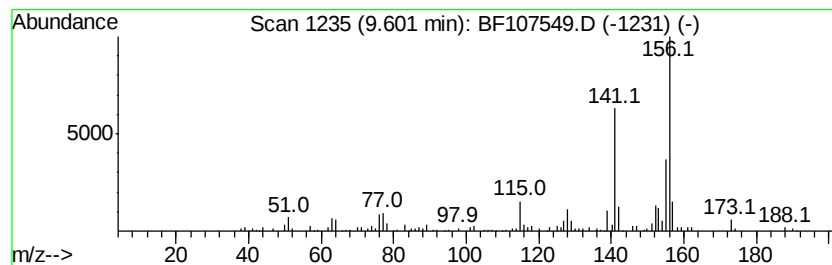
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	2.15 ng	197832	Acenaphthene-d10	10.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
2		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
4		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
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Sample : J4030-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

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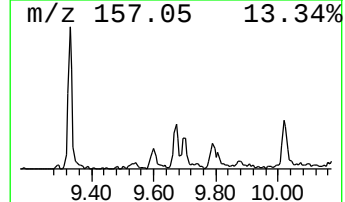
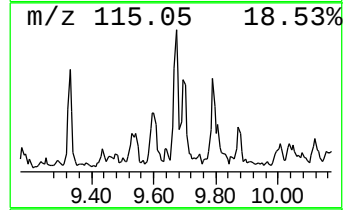
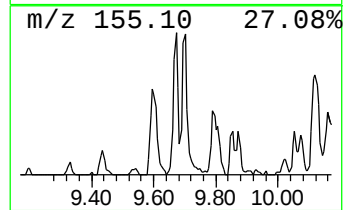
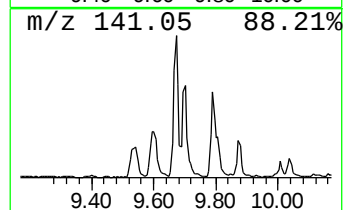
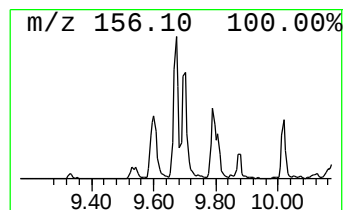
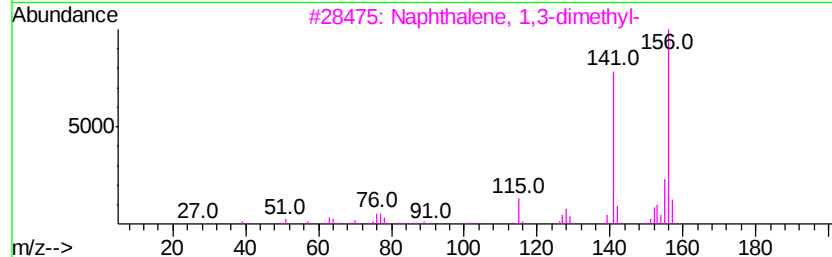
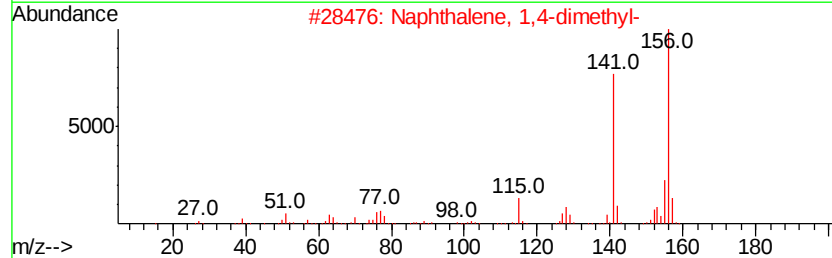
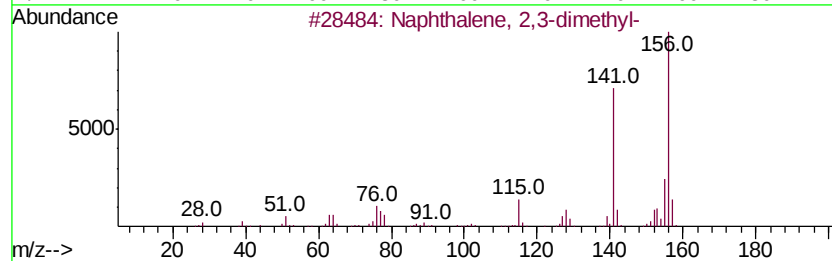
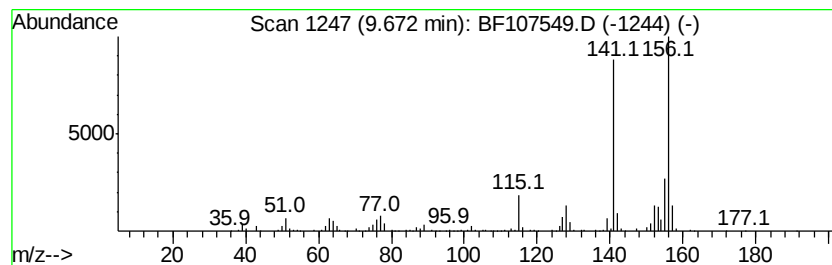
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	3.12 ng	287512	Acenaphthene-d10	10.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107549.D
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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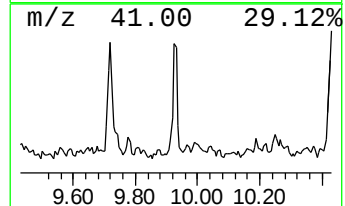
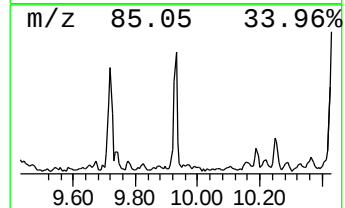
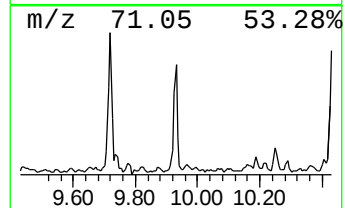
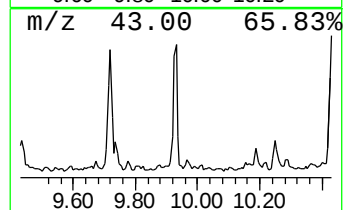
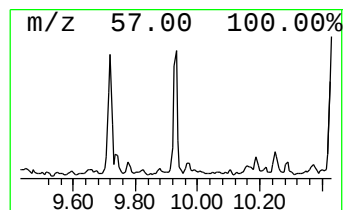
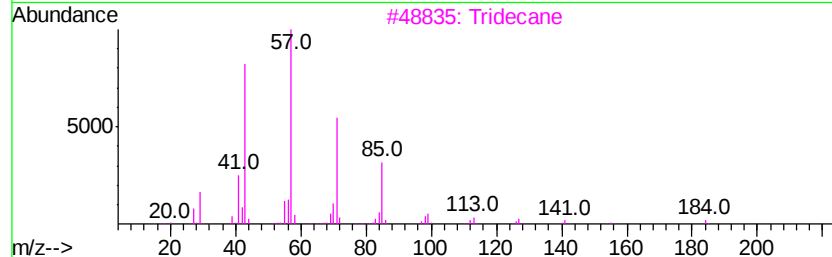
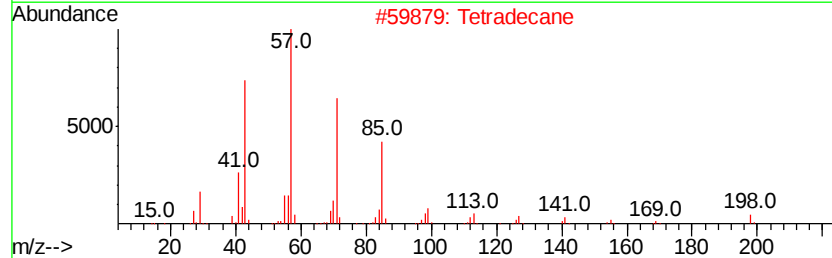
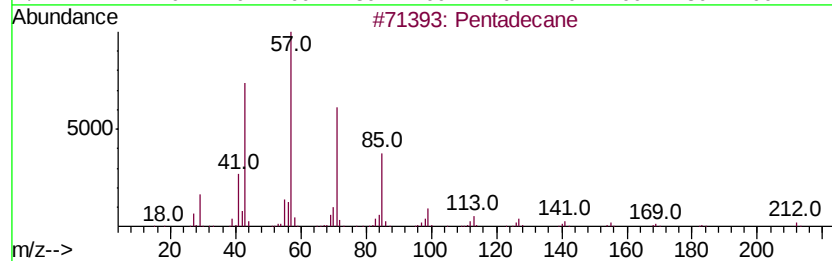
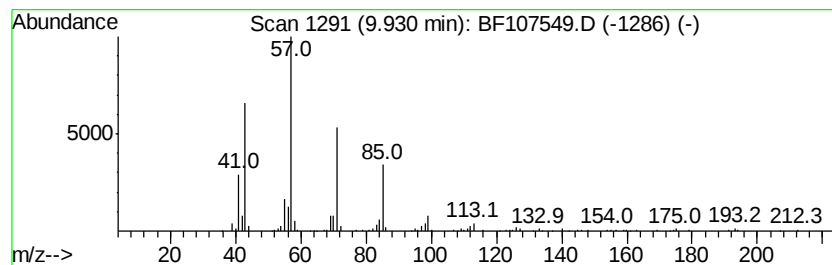
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	2.74 ng	251899	Acenaphthene-d10	10.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	90
2	Tetradecane		198	C14H30	000629-59-4	90
3	Tridecane		184	C13H28	000629-50-5	90
4	Hexadecane		226	C16H34	000544-76-3	90
5	Tetratetracontane		619	C44H90	007098-22-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
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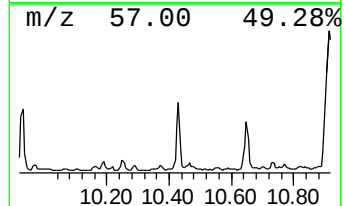
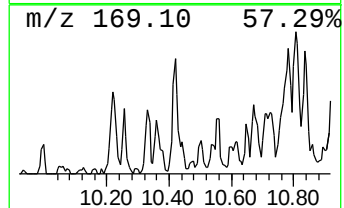
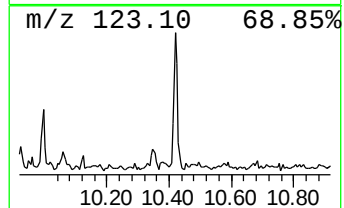
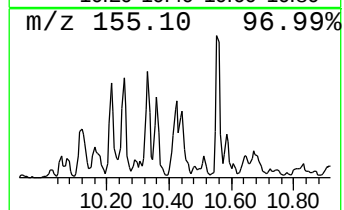
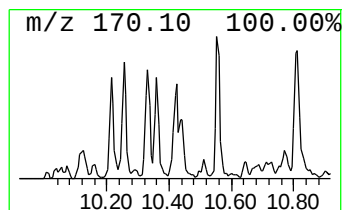
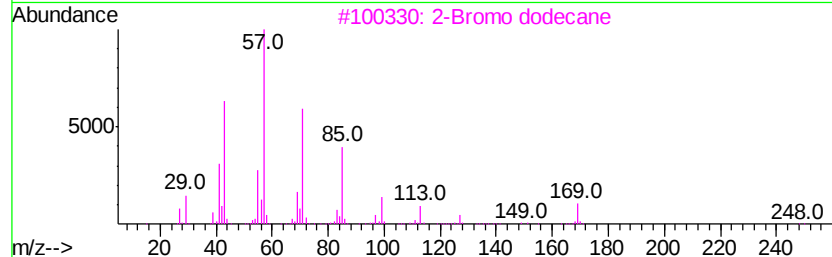
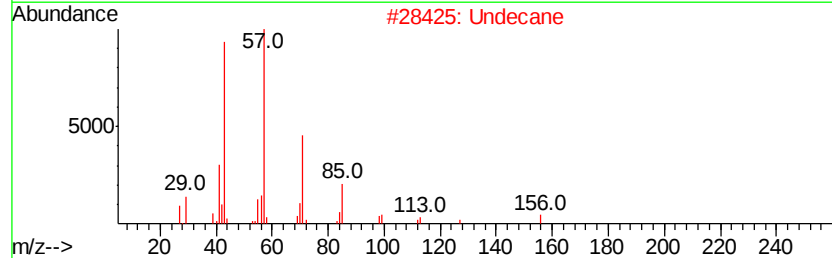
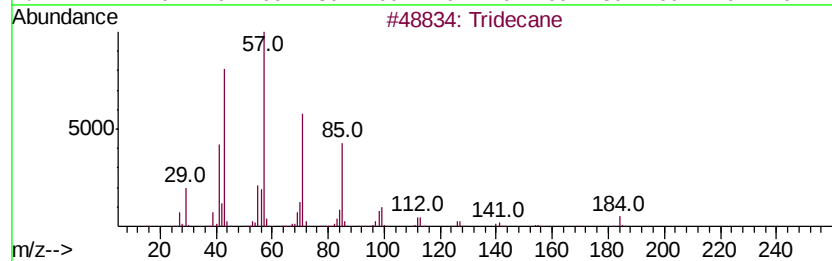
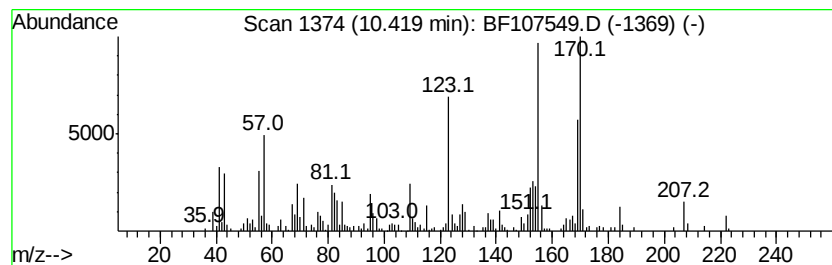
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown10.42 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.42	5.16 ng	474995	Acenaphthene-d10		10.02
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	47
2	Undecane	156	C11H24	001120-21-4	25
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	25
4	Svdnone, 3-(3,3-dimethylbutyl)-	170	C8H14N2O2	026537-49-5	18
5	Nonadecane	268	C19H40	000629-92-5	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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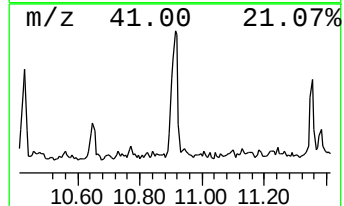
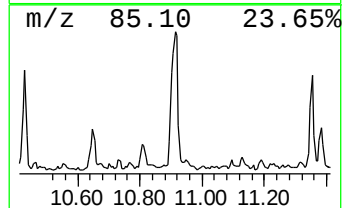
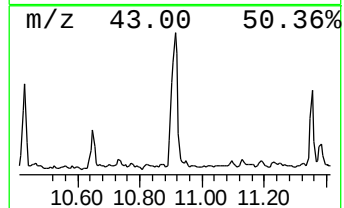
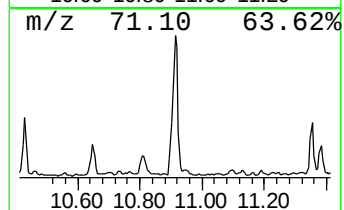
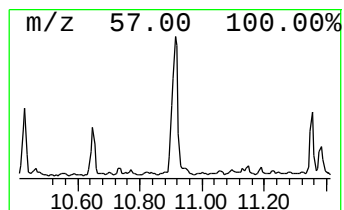
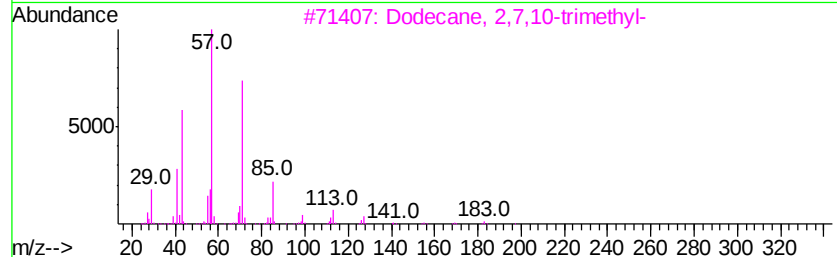
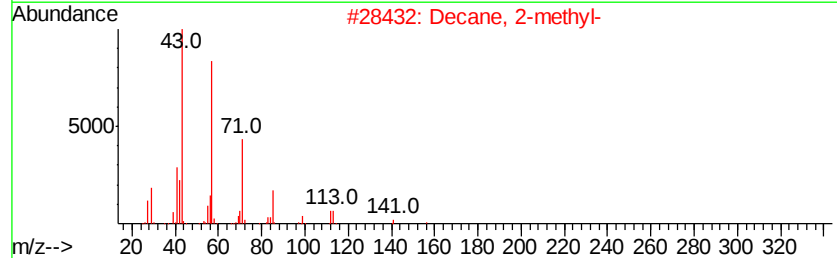
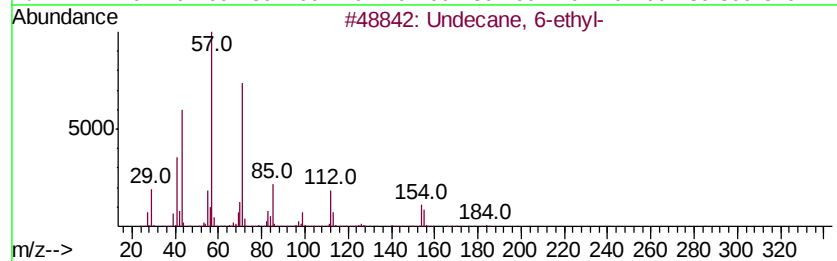
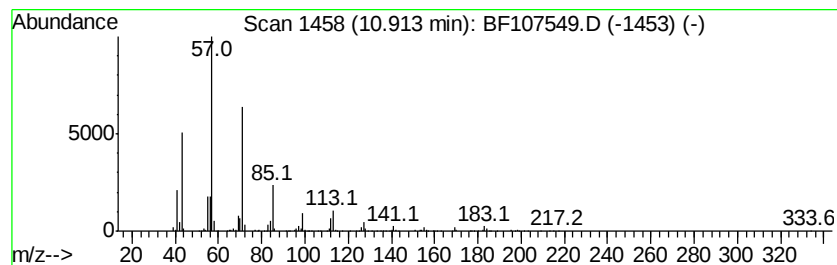
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecane, 6-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	8.65 ng	842156	Phenanthrene-d10	11.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 6-ethyl-	184	C13H28	017312-60-6	90
2			Decane, 2-methyl-	156	C11H24	006975-98-0	86
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107549.D
Acq On : 21 Jul 2018 2:42
Operator : JU/SJ
Sample : J4030-02
Misc :
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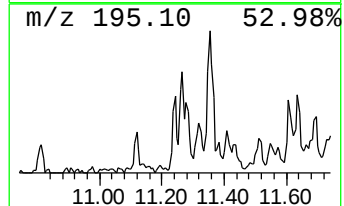
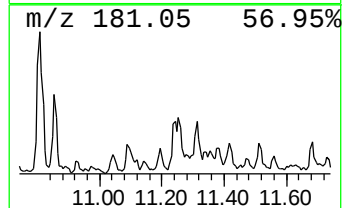
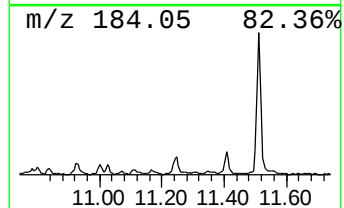
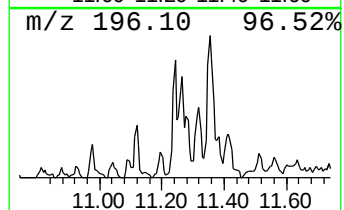
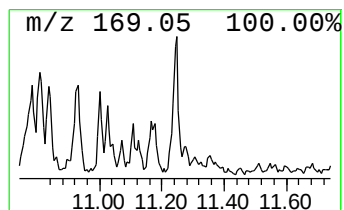
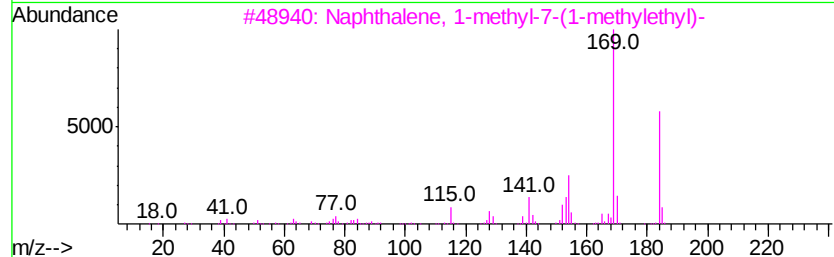
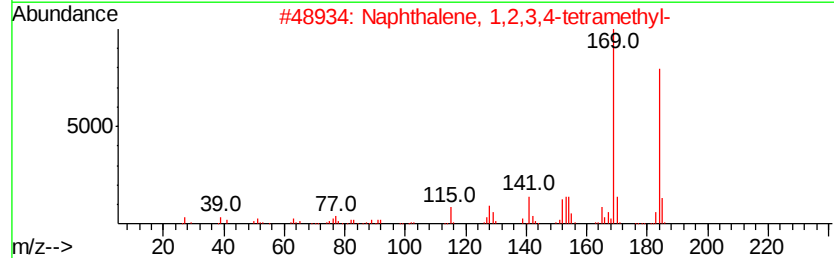
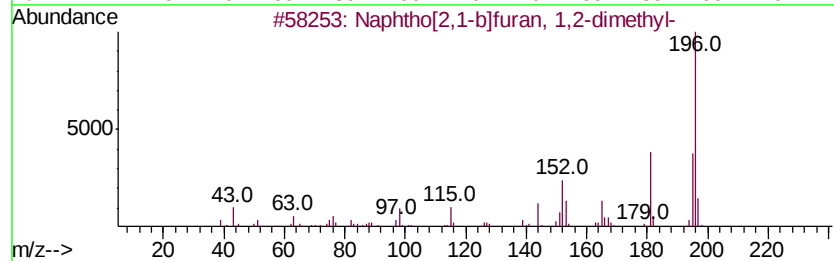
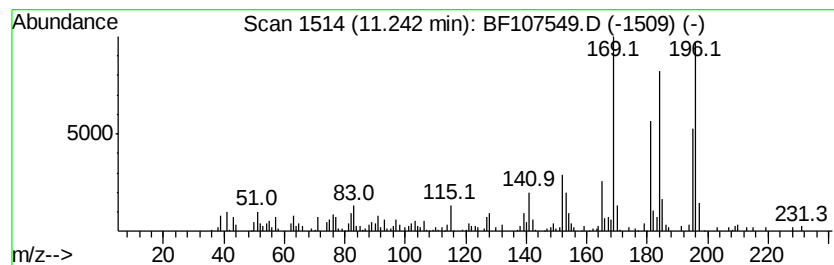
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.24	2.51 ng	243859	Phenanthrene-d10	11.51	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	53
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	50
3	Naphthalene, 1-methyl-7-(1-methyl...	184	C14H16	000490-65-3	50
4	6'-Methyl-2'-acetoneaphthone	184	C13H12O	024875-94-3	38
5	9H-Fluorene, 2-methoxy-	196	C14H12O	002523-46-8	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
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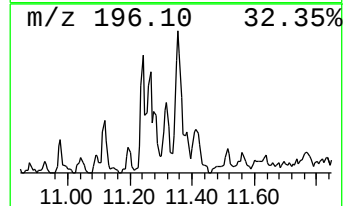
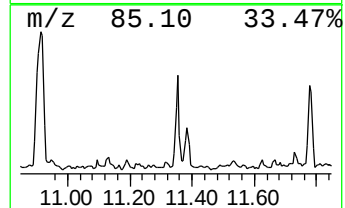
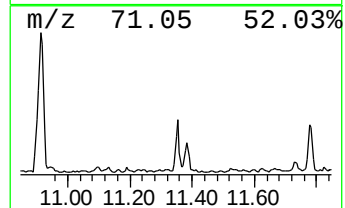
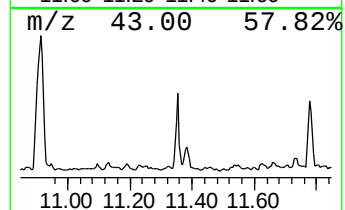
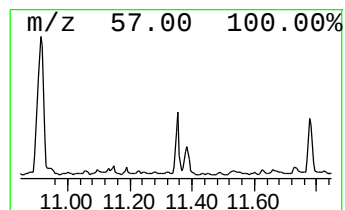
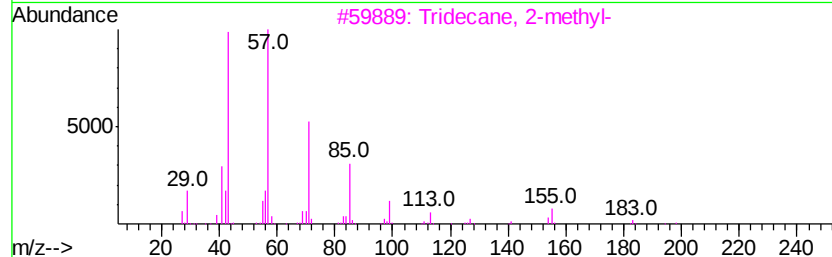
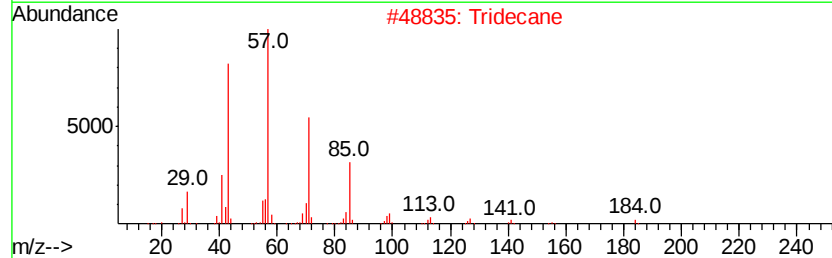
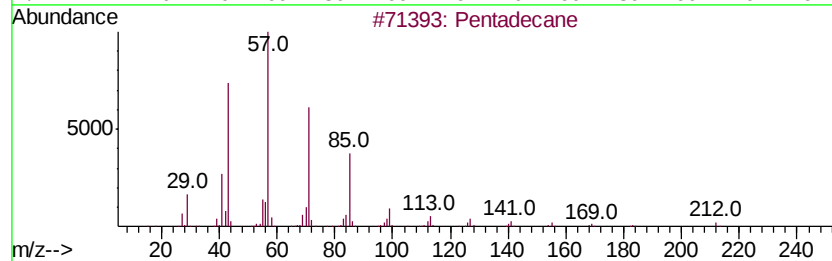
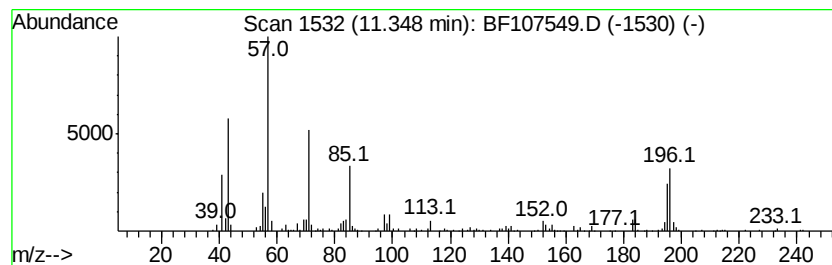
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.35	3.24 ng	315560	Phenanthrene-d10	11.51	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Tridecane	184	C13H28	000629-50-5	87
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	60
4	Eicosane	282	C20H42	000112-95-8	53
5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
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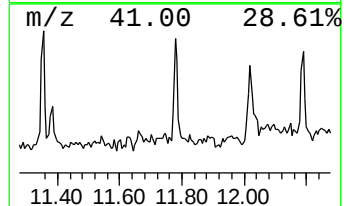
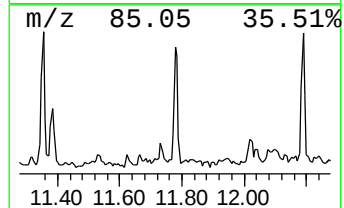
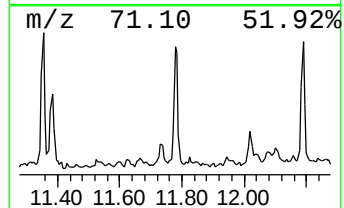
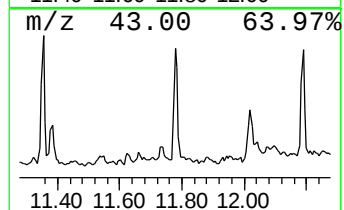
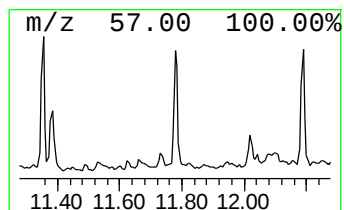
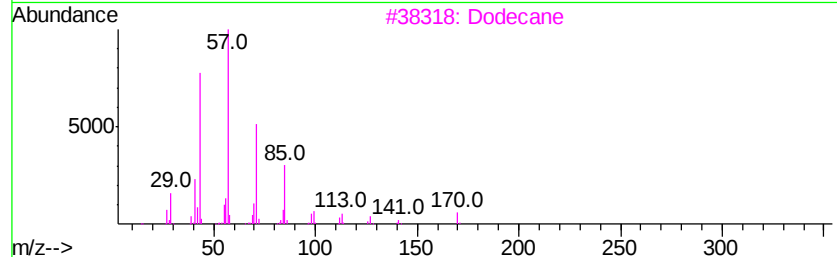
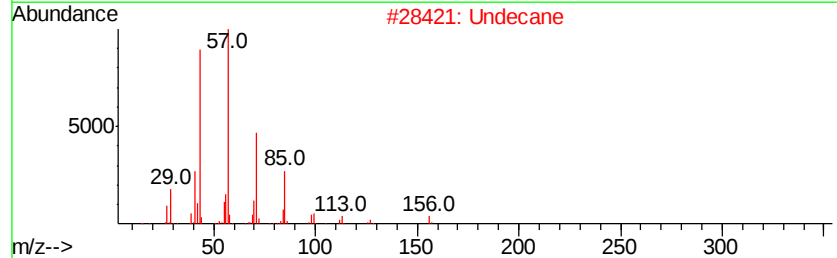
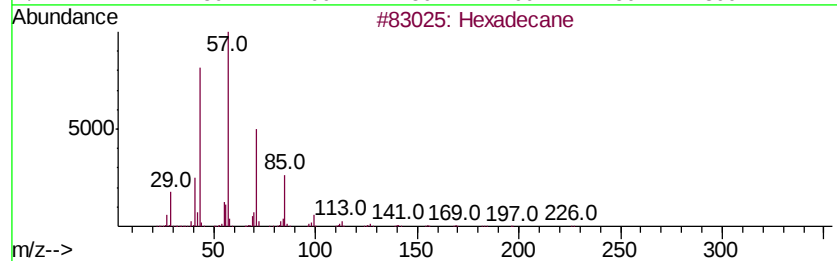
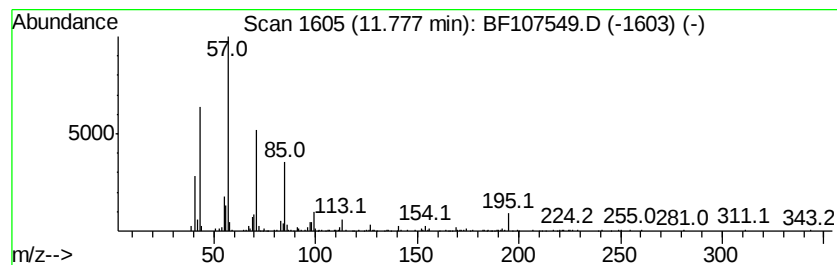
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	2.15 ng	208852	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Undecane	156	C11H24	001120-21-4	87
3		Dodecane	170	C12H26	000112-40-3	80
4		Pentadecane	212	C15H32	000629-62-9	80
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80



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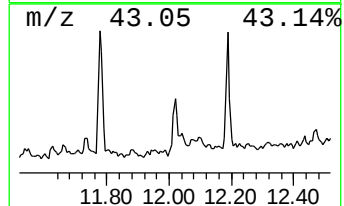
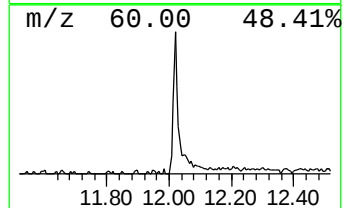
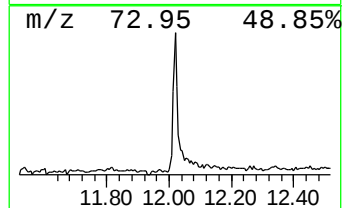
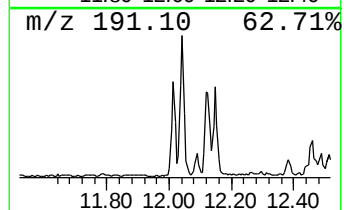
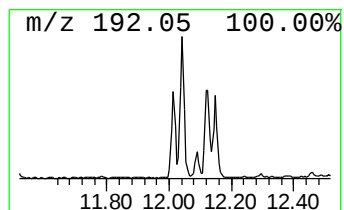
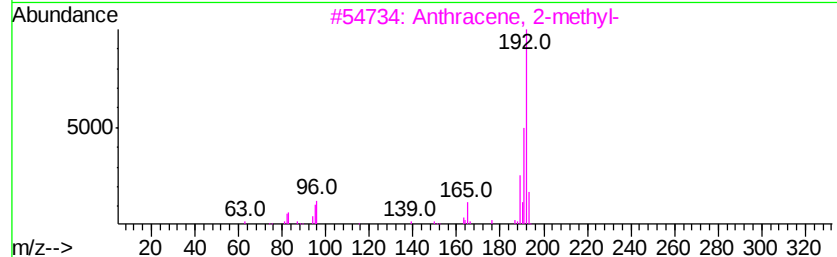
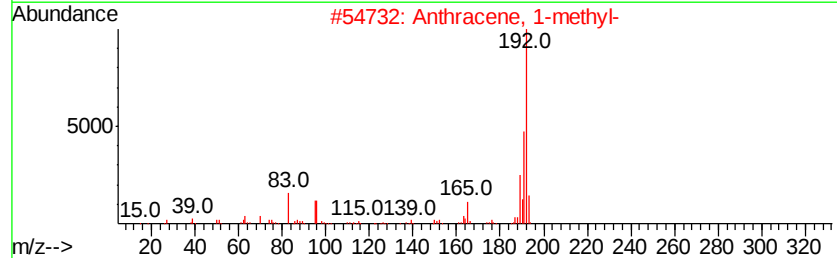
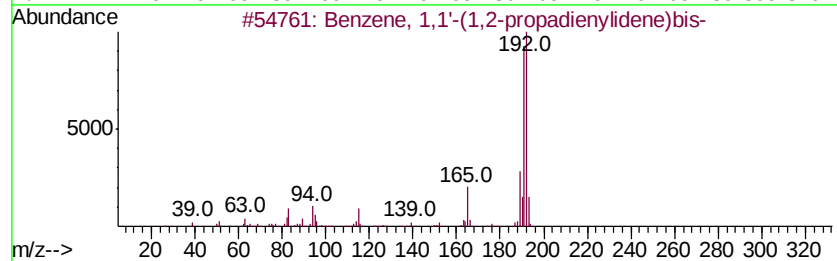
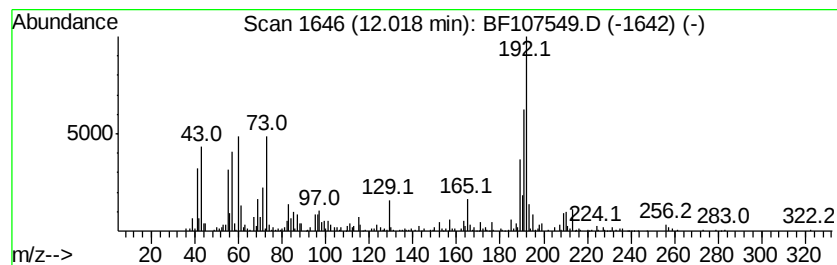
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Benzene, 1,1'-(1,2-propadienylidene)bis- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	4.26 ng	414613	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,1'-(1,2-propadienylidene)bis-	192	C15H12	014251-57-1	91
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	60



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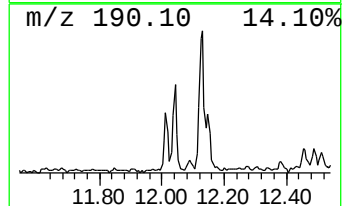
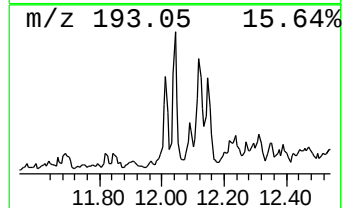
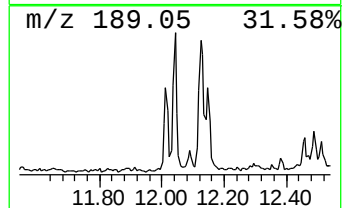
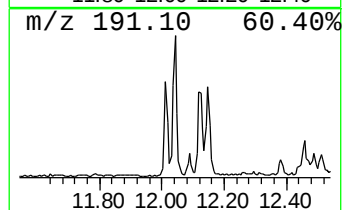
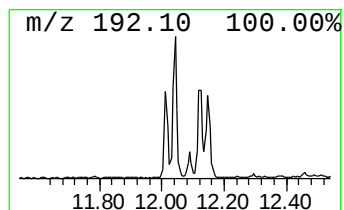
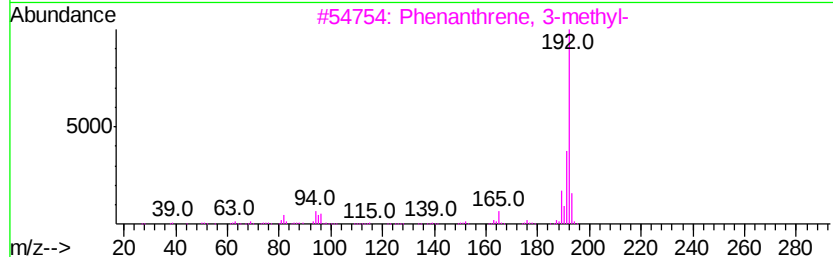
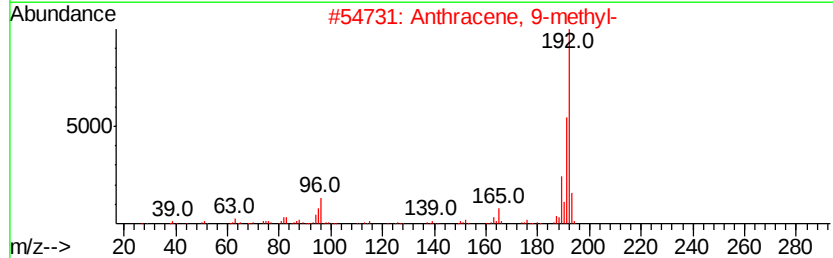
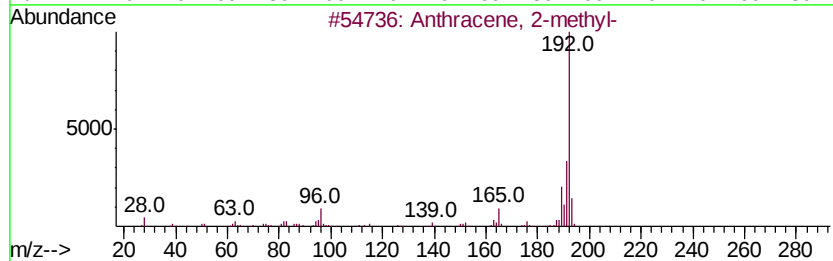
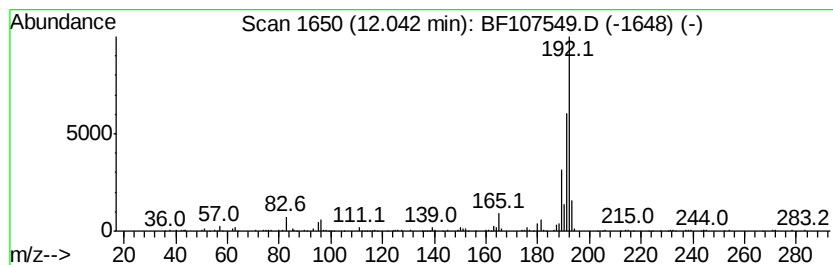
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	3.12 ng	303320	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	92
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	81
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
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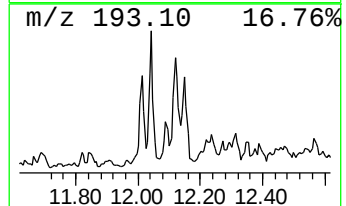
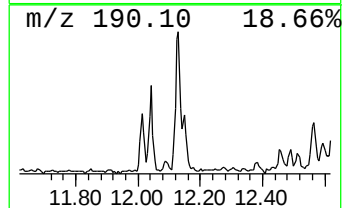
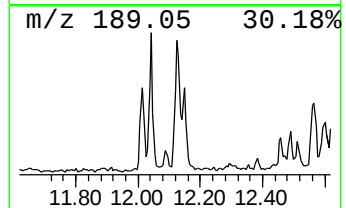
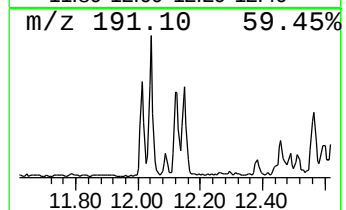
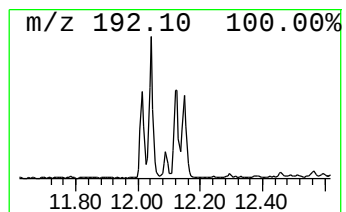
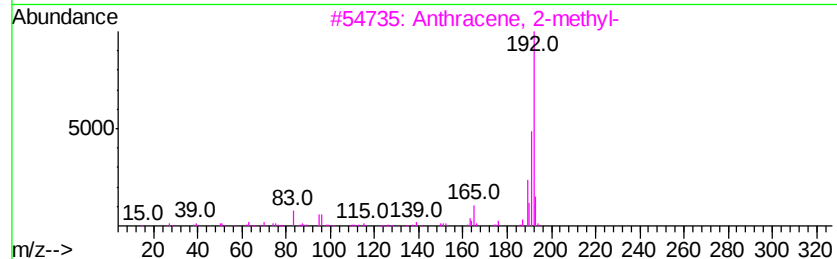
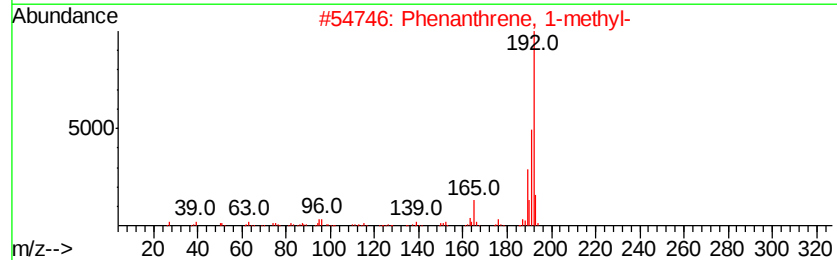
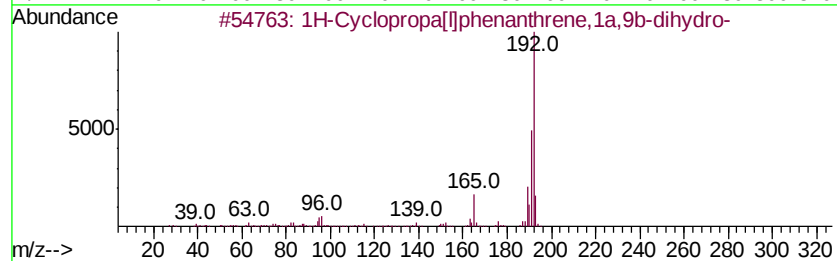
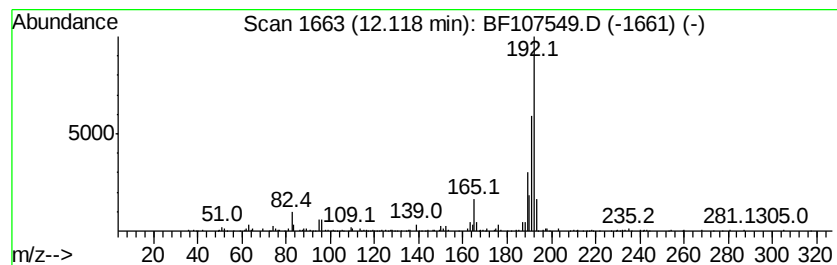
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	2.53 ng	246732	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	70
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107549.D
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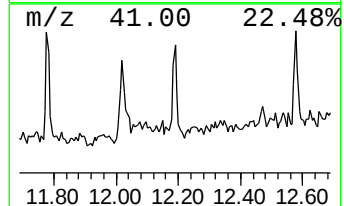
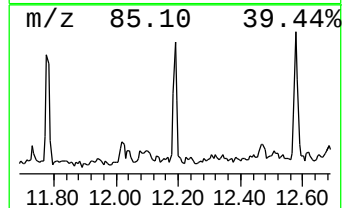
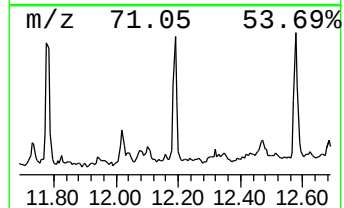
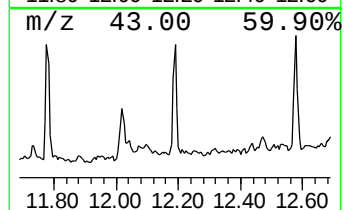
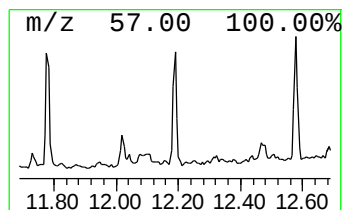
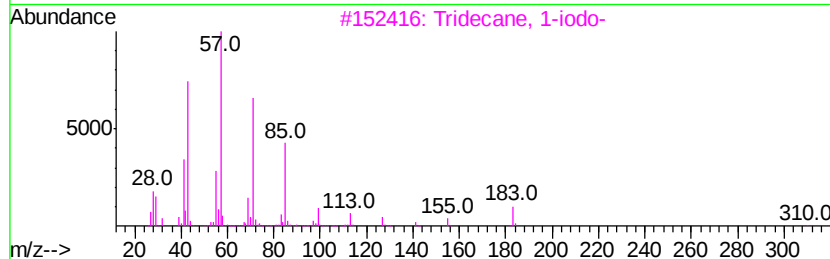
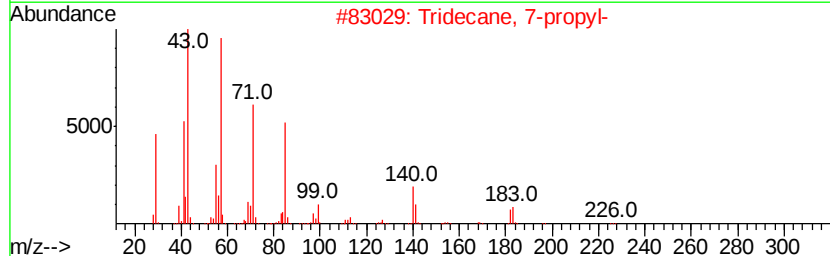
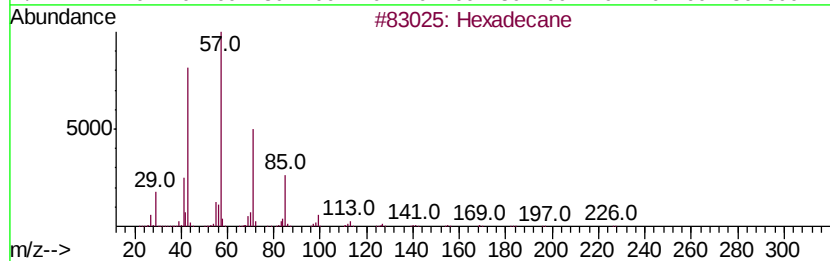
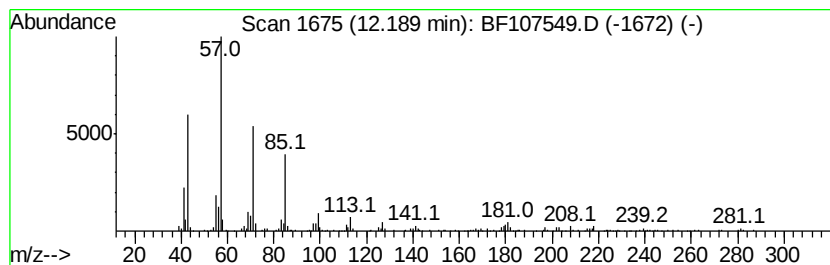
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 6-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	2.31 ng	224531	Phenanthrene-d10	11.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Tridecane, 7-propyl-	226	C16H34	055045-09-5	87
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
4			Tetracosane	338	C24H50	000646-31-1	83
5			Tridecane, 6-propyl-	226	C16H34	055045-10-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
Data File : BF107549.D
Acq On : 21 Jul 2018 2:42
Operator : JU/SJ
Sample : J4030-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB1-12-0

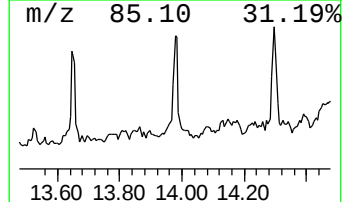
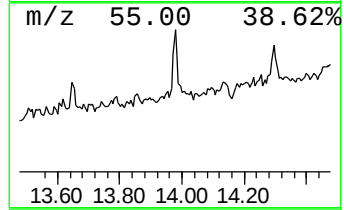
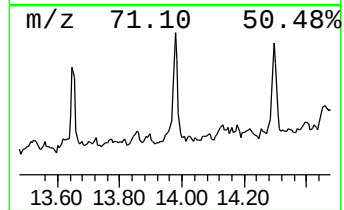
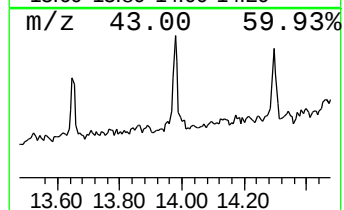
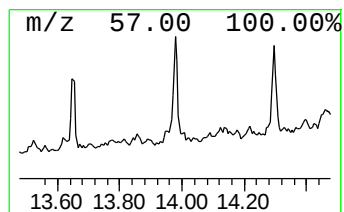
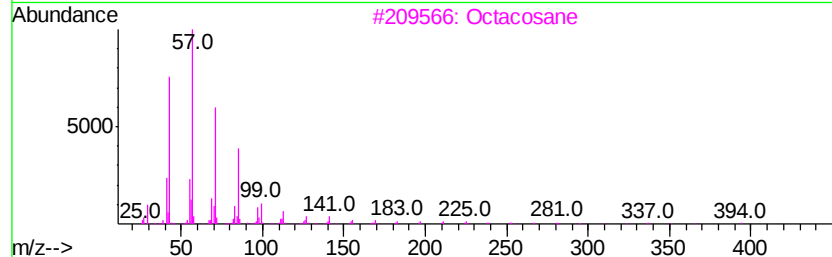
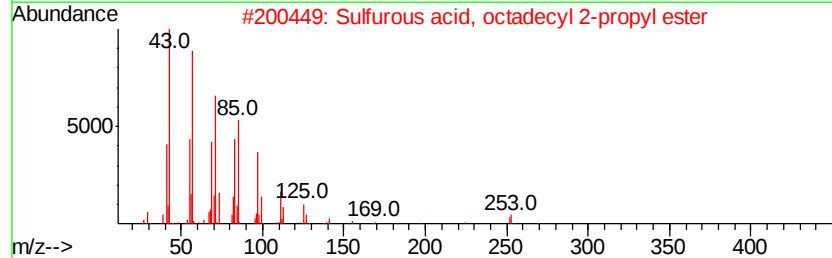
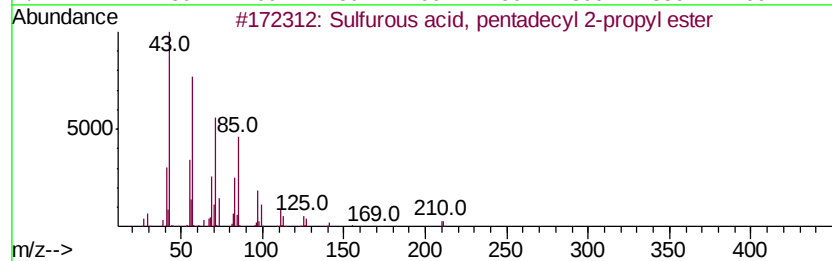
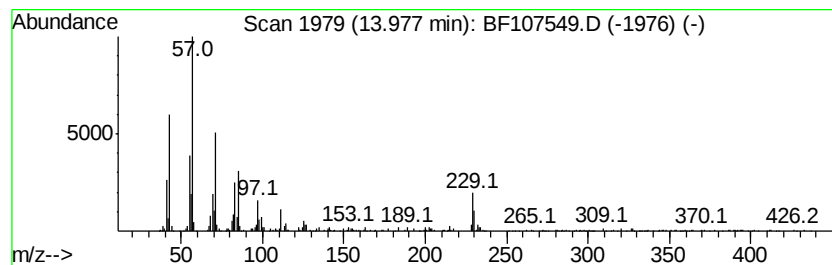
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown13.98 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	2.51 ng	294709	Chrysene-d12	14.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	47
2			Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	46
3			Octacosane	394	C28H58	000630-02-4	45
4			Undecane	156	C11H24	001120-21-4	43
5			Tetradecane	198	C14H30	000629-59-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107549.D
 Acq On : 21 Jul 2018 2:42
 Operator : JU/SJ
 Sample : J4030-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB1-12-0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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
2-Pentanone, 4-hy...	5.21	10.1 ng		918448	1	6.98	1816300	20.0
unknown6.75	6.75	54.9 ng		4987210	1	6.98	1816300	20.0
Mesitylene	6.80	3.9 ng		355683	1	6.98	1816300	20.0
Naphthalene, 1-me...	9.07	2.8 ng		319944	2	8.26	2330720	20.0
Hexadecane	9.40	2.6 ng		238761	3	10.02	1841330	20.0
Naphthalene, 1,6-...	9.60	2.1 ng		197832	3	10.02	1841330	20.0
Naphthalene, 2,3-...	9.67	3.1 ng		287512	3	10.02	1841330	20.0
Pentadecane	9.93	2.7 ng		251899	3	10.02	1841330	20.0
unknown10.42	10.42	5.2 ng		474995	3	10.02	1841330	20.0
Undecane, 6-ethyl-	10.91	8.7 ng		842156	4	11.51	1946680	20.0
Naphtho[2,1-b]fur...	11.24	2.5 ng		243859	4	11.51	1946680	20.0
Eicosane	11.35	3.2 ng		315560	4	11.51	1946680	20.0
Tridecane, 1-iodo-	11.78	2.1 ng		208852	4	11.51	1946680	20.0
Benzene, 1,1'-(1,...	12.02	4.3 ng		414613	4	11.51	1946680	20.0
Anthracene, 2-met...	12.04	3.1 ng		303320	4	11.51	1946680	20.0
1H-Cyclopropa[1]p...	12.12	2.5 ng		246732	4	11.51	1946680	20.0
Tridecane, 6-propyl-	12.19	2.3 ng		224531	4	11.51	1946680	20.0
unknown13.98	13.98	2.5 ng		294709	5	14.16	2350970	20.0