

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030220\
 Data File : BF119174.D
 Acq On : 2 Mar 2020 17:53
 Operator : CG/JU
 Sample : L1740-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-13-022720

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-BF022020.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	4.940	477	485	495	rBV3	41682	89107	3.04%	0.299%
2	5.357	553	556	578	rBV	1995676	2107320	71.94%	7.063%
3	6.381	726	730	743	rBV	2253134	2137561	72.97%	7.164%
4	6.563	758	761	769	rVB2	30994	42732	1.46%	0.143%
5	6.734	787	790	798	rBV	827117	705657	24.09%	2.365%
6	6.798	798	801	810	rBV4	22668	33145	1.13%	0.111%
7	6.893	813	817	820	rBV	2210745	1998787	68.23%	6.699%
8	7.298	882	886	891	rBV	1622890	1473974	50.32%	4.940%
9	7.334	891	892	896	rVB	36071	29635	1.01%	0.099%
10	8.016	1003	1008	1011	rBV	1059548	965827	32.97%	3.237%
11	8.445	1076	1081	1083	rBV	56103	55484	1.89%	0.186%
12	8.610	1106	1109	1112	rBV	40784	33802	1.15%	0.113%
13	8.728	1127	1129	1133	rVB	115151	88776	3.03%	0.298%
14	8.828	1142	1146	1149	rBV	106820	95772	3.27%	0.321%
15	9.039	1179	1182	1186	rVB	41852	37241	1.27%	0.125%
16	9.092	1186	1191	1194	rBV	3074168	2929364	100.00%	9.818%
17	9.175	1202	1205	1210	rBV2	55979	62625	2.14%	0.210%
18	9.357	1232	1236	1241	rBV3	41751	60150	2.05%	0.202%
19	9.428	1245	1248	1250	rVV	93324	89585	3.06%	0.300%
20	9.451	1250	1252	1255	rVV	68267	70267	2.40%	0.236%
21	9.481	1255	1257	1265	rVB	249662	290144	9.90%	0.972%
22	9.545	1265	1268	1273	rBV	54110	61264	2.09%	0.205%
23	9.628	1279	1282	1288	rVB	86399	71858	2.45%	0.241%
24	9.704	1292	1295	1299	rVB	54403	43124	1.47%	0.145%
25	9.763	1299	1305	1309	rBV	1158117	1138279	38.86%	3.815%
26	9.969	1337	1340	1344	rBV	69892	83762	2.86%	0.281%
27	10.010	1344	1347	1353	rVV3	38497	44435	1.52%	0.149%
28	10.086	1357	1360	1362	rBV	42974	44539	1.52%	0.149%
29	10.175	1371	1375	1377	rBV2	71957	77508	2.65%	0.260%
30	10.198	1377	1379	1382	rVB2	60194	52609	1.80%	0.176%
31	10.304	1394	1397	1400	rBV	56427	57794	1.97%	0.194%
32	10.422	1414	1417	1422	rVB3	48870	48259	1.65%	0.162%
33	10.469	1422	1425	1429	rVB2	50244	55818	1.91%	0.187%
34	10.557	1436	1440	1451	rVB	2012335	1866595	63.72%	6.256%

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 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-BF022020.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.686	1457	1462	1466	rVB3	165998	205923	7.03%	0.690%
36	10.992	1509	1514	1516	rBV2	53740	67904	2.32%	0.228%
37	11.063	1523	1526	1529	rBV2	37074	43367	1.48%	0.145%
38	11.116	1533	1535	1538	rVV2	72072	78903	2.69%	0.264%
39	11.151	1538	1541	1546	rVB3	43679	52595	1.80%	0.176%
40	11.251	1554	1558	1560	rBV	1207580	1088930	37.17%	3.650%
41	11.275	1560	1562	1565	rVV	151712	139792	4.77%	0.469%
42	11.328	1569	1571	1574	rVB	38412	34282	1.17%	0.115%
43	11.433	1583	1589	1594	rVB7	22165	38940	1.33%	0.131%
44	11.486	1594	1598	1600	rBV	45020	50510	1.72%	0.169%
45	11.545	1605	1608	1610	rVB	63631	53170	1.82%	0.178%
46	11.751	1640	1643	1645	rBV	62383	58676	2.00%	0.197%
47	11.780	1645	1648	1654	rVV	358001	389504	13.30%	1.305%
48	11.857	1658	1661	1664	rVV	95464	112532	3.84%	0.377%
49	11.886	1664	1666	1669	rVB	68174	55779	1.90%	0.187%
50	11.951	1671	1677	1681	rBV2	63878	83730	2.86%	0.281%
51	12.045	1690	1693	1697	rBV	47985	49182	1.68%	0.165%
52	12.192	1713	1718	1722	rBV4	39909	64785	2.21%	0.217%
53	12.298	1733	1736	1739	rBV	95838	89071	3.04%	0.299%
54	12.333	1739	1742	1745	rBV2	83389	88117	3.01%	0.295%
55	12.386	1748	1751	1756	rBV2	43996	60344	2.06%	0.202%
56	12.463	1760	1764	1767	rBV	299596	281603	9.61%	0.944%
57	12.563	1778	1781	1786	rBV3	180293	230514	7.87%	0.773%
58	12.686	1798	1802	1805	rBV2	182542	208187	7.11%	0.698%
59	12.745	1810	1812	1816	rVB2	42211	46678	1.59%	0.156%
60	12.833	1822	1827	1830	rBV	2581404	2533738	86.49%	8.492%
61	12.904	1836	1839	1847	rBV4	46436	102865	3.51%	0.345%
62	12.969	1847	1850	1852	rBV2	28867	31237	1.07%	0.105%
63	12.998	1852	1855	1857	rBV3	45229	57130	1.95%	0.191%
64	13.063	1863	1866	1868	rBV2	79551	71546	2.44%	0.240%
65	13.122	1873	1876	1880	rVB3	55855	69520	2.37%	0.233%
66	13.216	1889	1892	1894	rBV	37907	32203	1.10%	0.108%
67	13.245	1894	1897	1900	rBV3	31169	40905	1.40%	0.137%
68	13.404	1921	1924	1927	rBV3	67925	63322	2.16%	0.212%
69	13.533	1943	1946	1949	rBV	69545	63174	2.16%	0.212%
70	13.639	1962	1964	1966	rBV	41669	37071	1.27%	0.124%
71	13.733	1977	1980	1989	rVB2	251843	339995	11.61%	1.140%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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72	13.886	2002	2006	2009	rBV	1008749	1056601	36.07%	3.541%
73	14.045	2030	2033	2038	rBV	189249	205222	7.01%	0.688%
74	14.351	2082	2085	2091	rVB	330418	310502	10.60%	1.041%
75	14.645	2132	2135	2139	rVB	473950	439343	15.00%	1.472%
76	14.910	2176	2180	2185	rBV	172625	295785	10.10%	0.991%
77	14.963	2185	2189	2195	rVB	547318	598411	20.43%	2.006%
78	15.257	2236	2239	2243	rBV	88308	107039	3.65%	0.359%
79	15.315	2244	2249	2261	rVB2	1229378	1660842	56.70%	5.566%
80	15.721	2313	2318	2324	rVB	418032	630050	21.51%	2.112%
81	16.192	2393	2398	2407	rVB	206073	374806	12.79%	1.256%

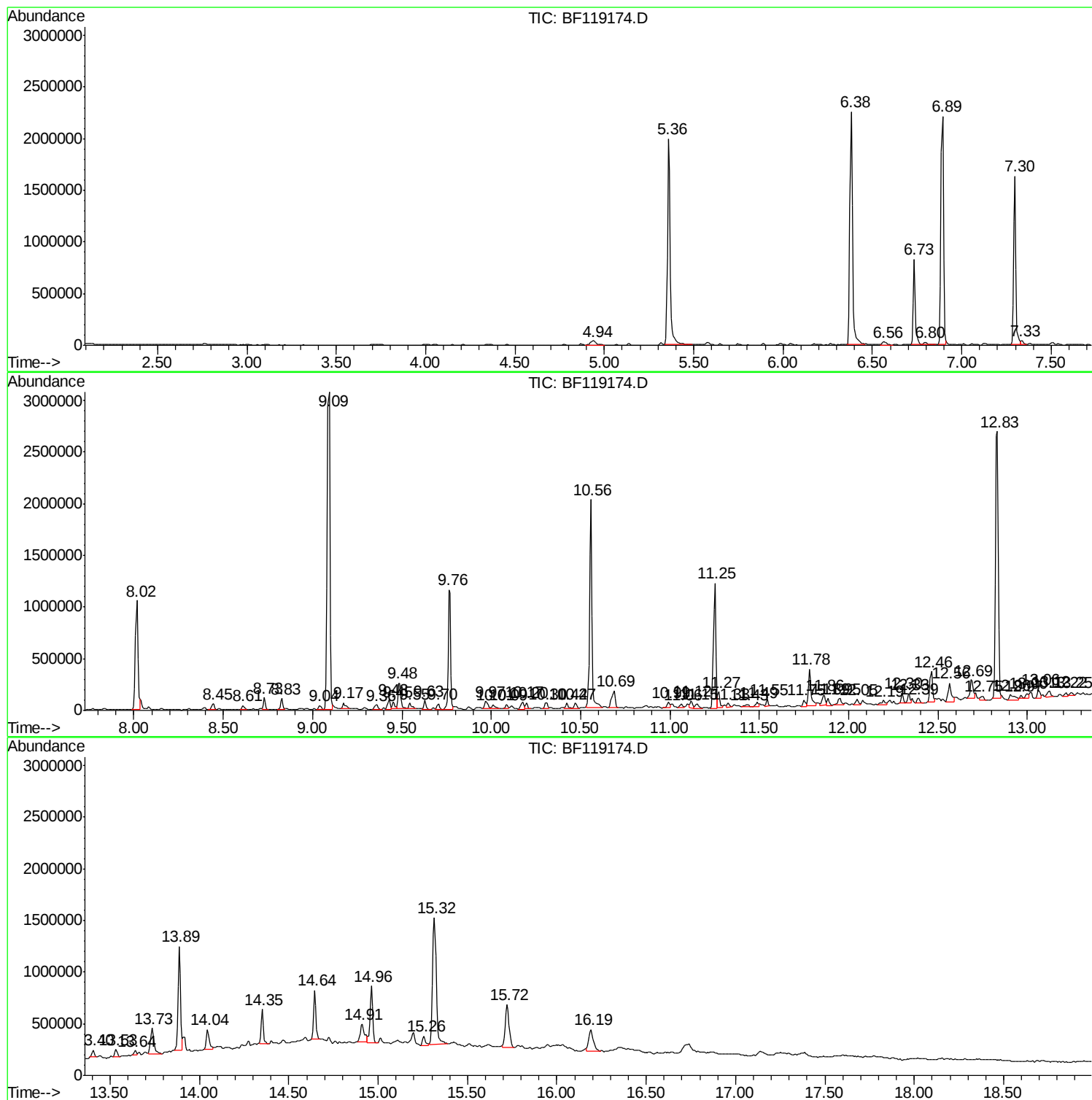
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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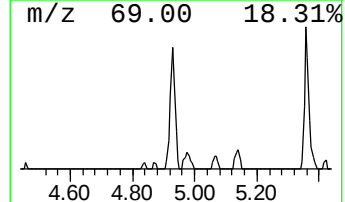
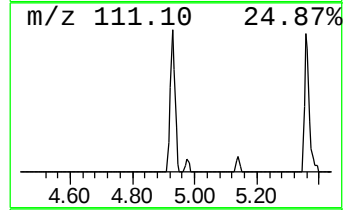
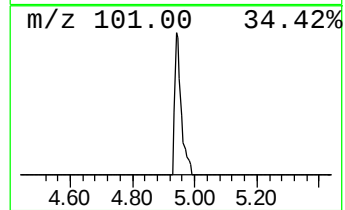
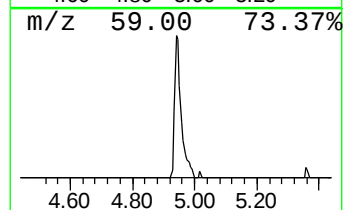
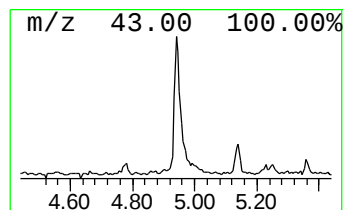
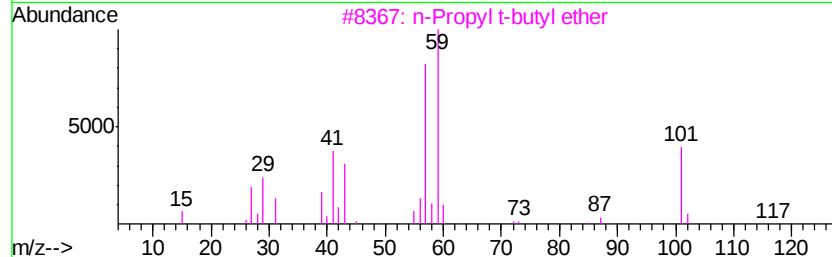
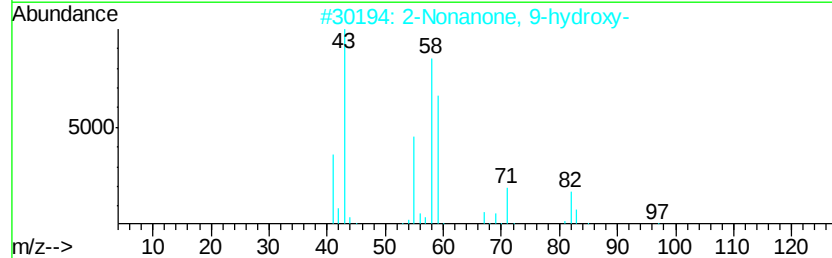
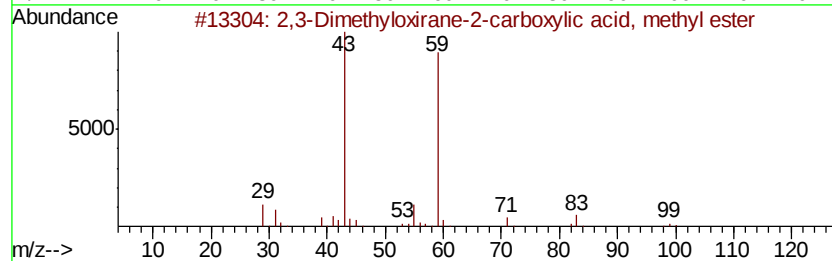
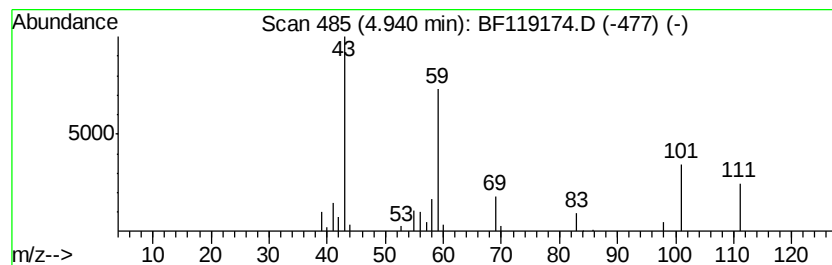
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown4.94 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	2.53 ng	89107	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,3-Dimethyloxirane-2-carboxylic...	130	C6H10O3	1000306-64-4	38
2			2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	33
3			n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28
4			Guanidine	59	CH5N3	000113-00-8	9
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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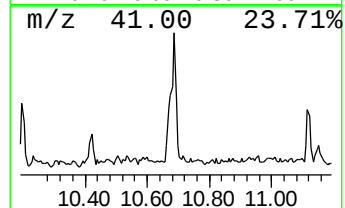
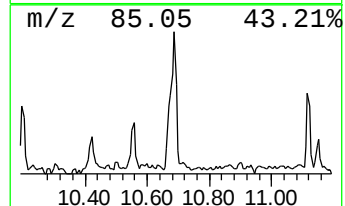
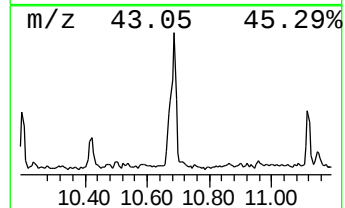
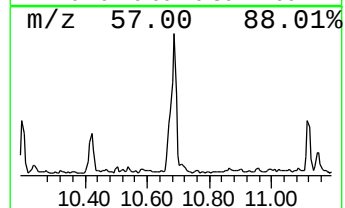
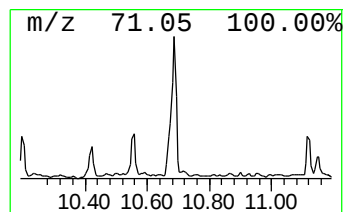
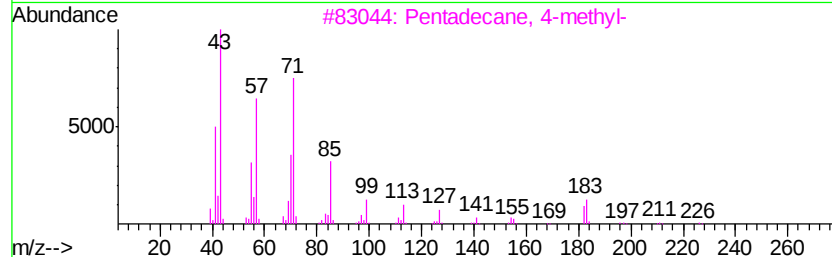
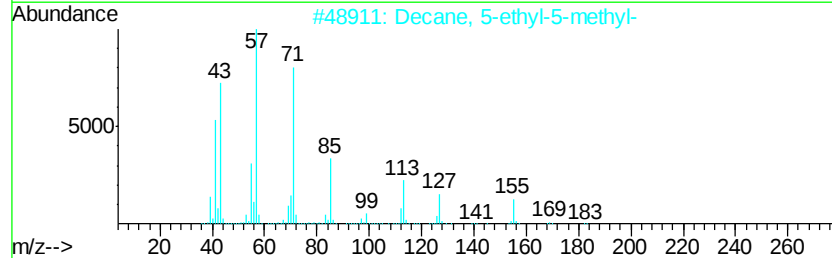
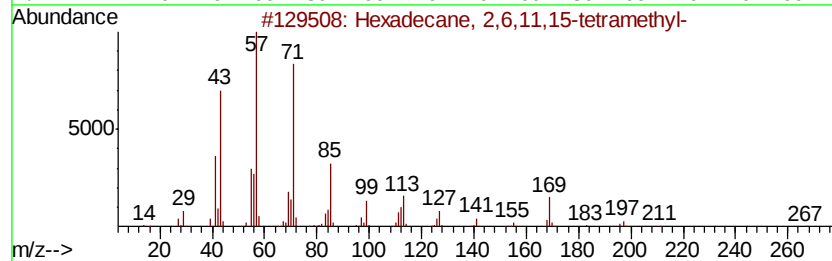
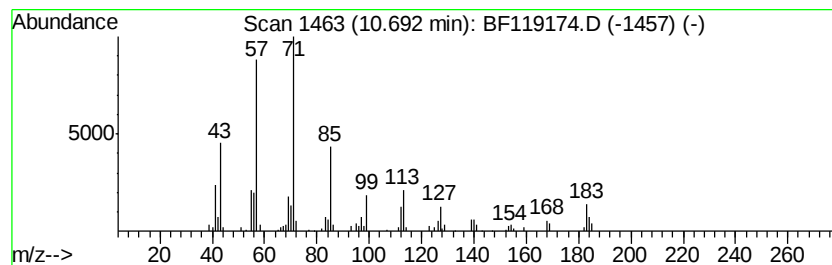
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecane, 2,6,11,15-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.69	3.78 ng	205923	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	90
2	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	64
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	64
4	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	59
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	58



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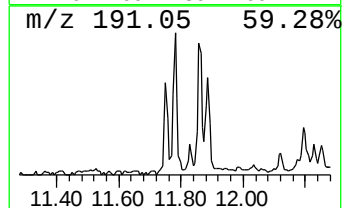
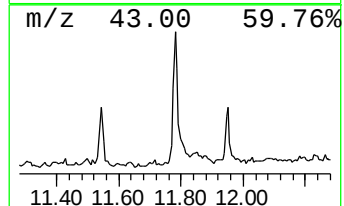
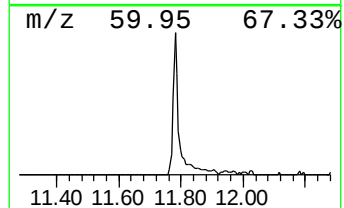
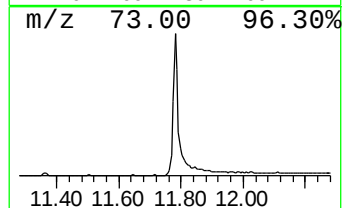
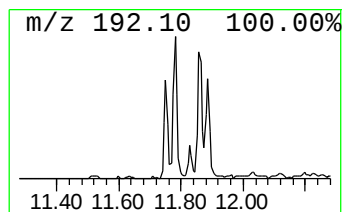
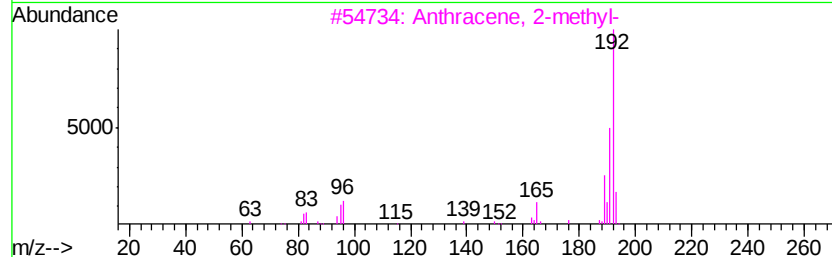
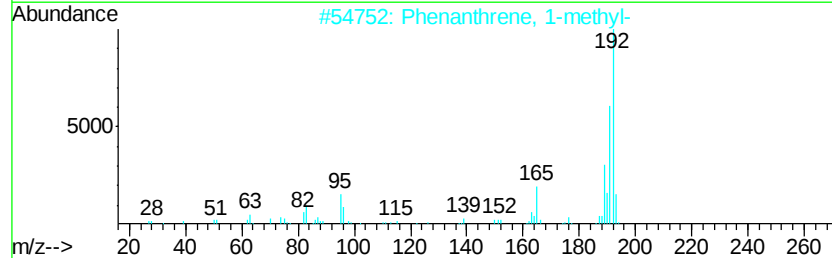
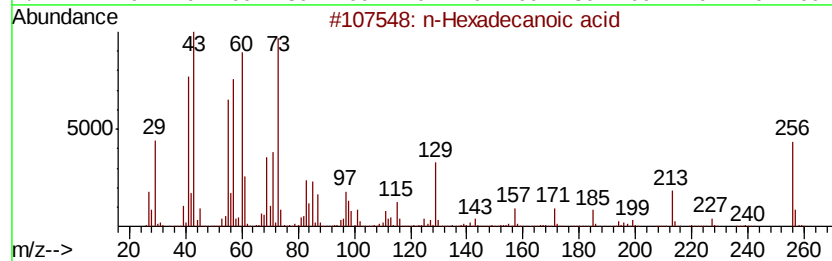
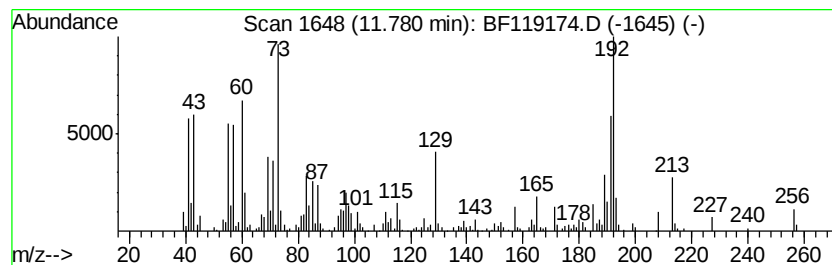
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.78	7.15 ng	389504	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	78



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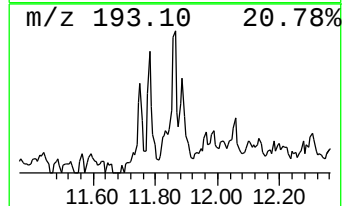
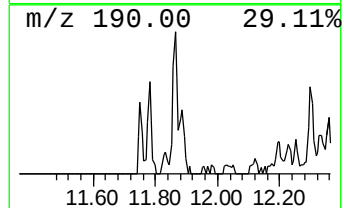
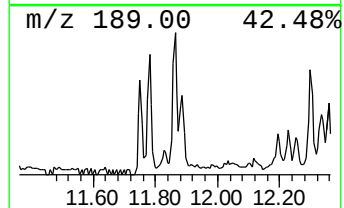
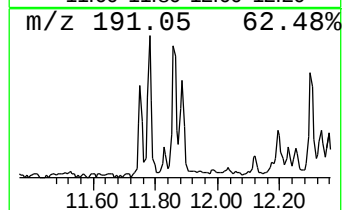
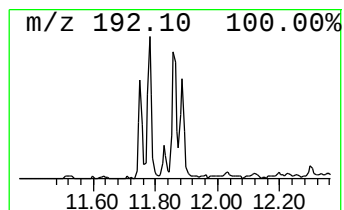
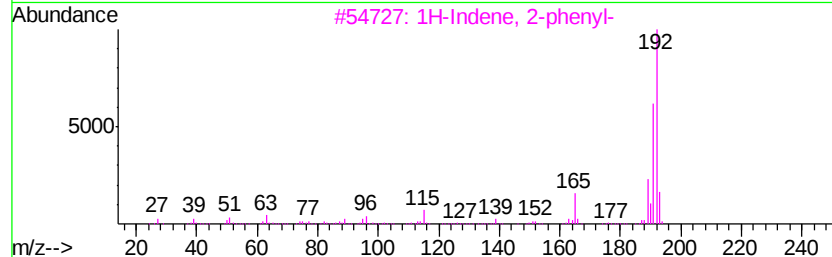
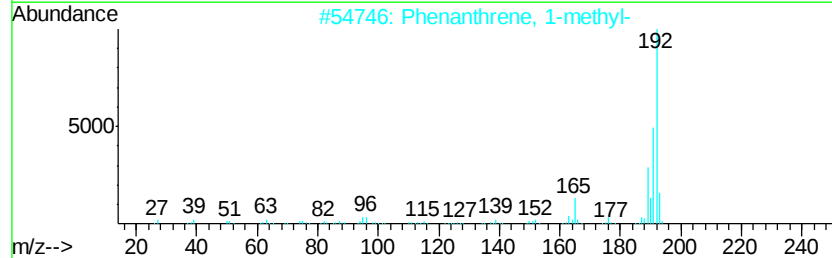
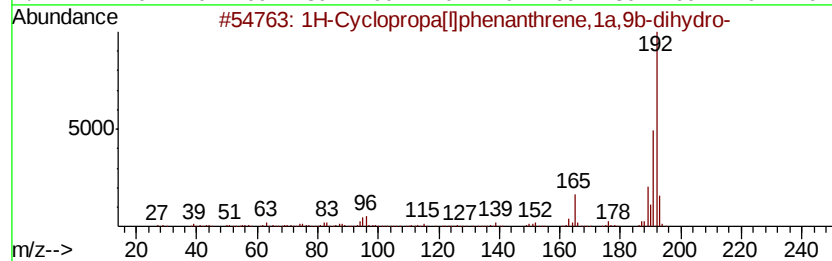
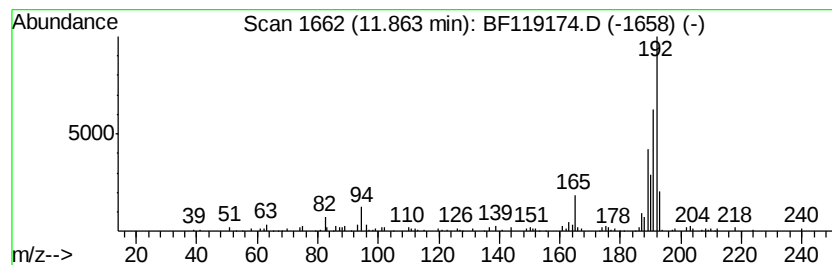
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.07 ng	112532	Phenanthrene-d10	11.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	89
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119174.D
Acq On : 2 Mar 2020 17:53
Operator : CG/JU
Sample : L1740-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

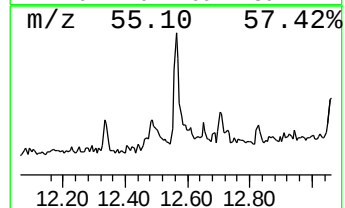
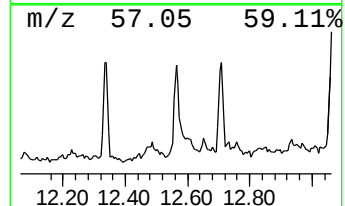
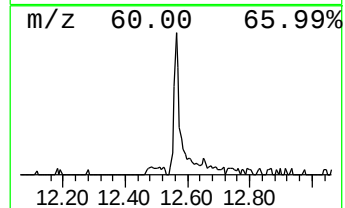
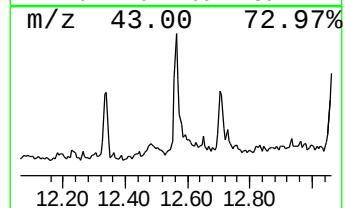
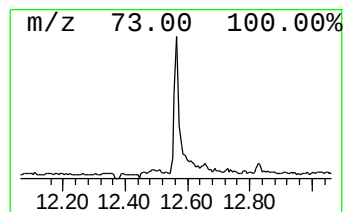
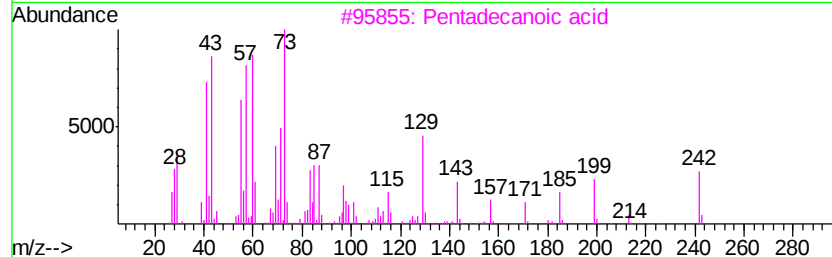
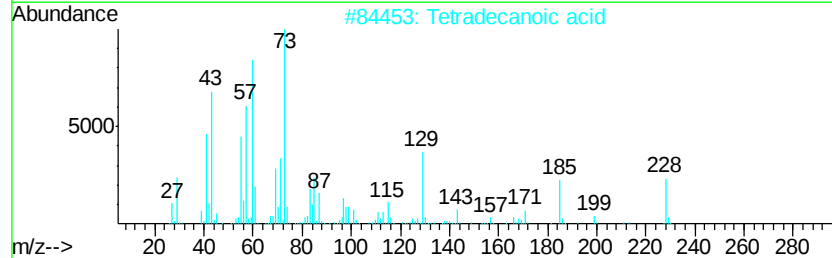
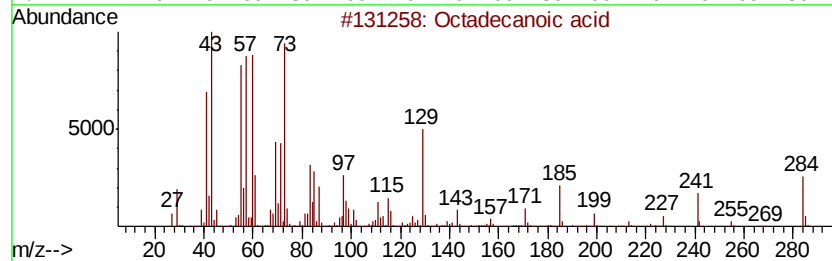
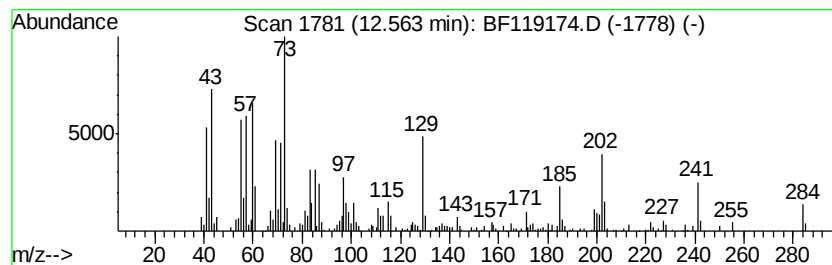
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ClientSampleId :
GP-13-022720

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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 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.56	4.23 ng	230514	Phenanthrene-d10		11.25
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
4	Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	53
5	Dodecanoic acid	200	C12H24O2	000143-07-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119174.D
Acq On : 2 Mar 2020 17:53
Operator : CG/JU
Sample : L1740-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

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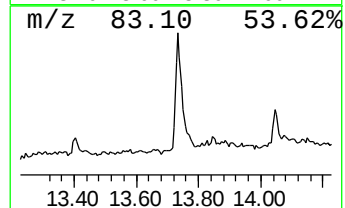
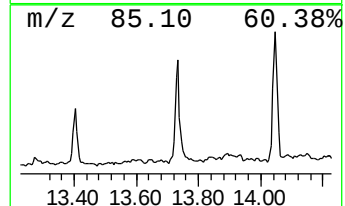
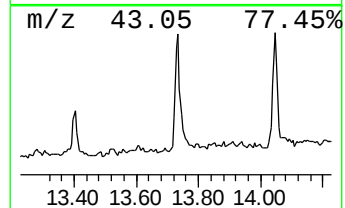
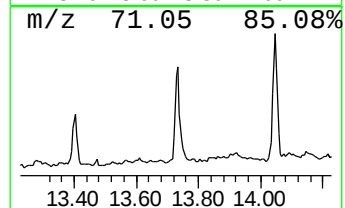
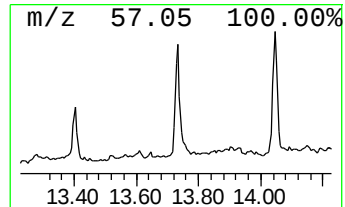
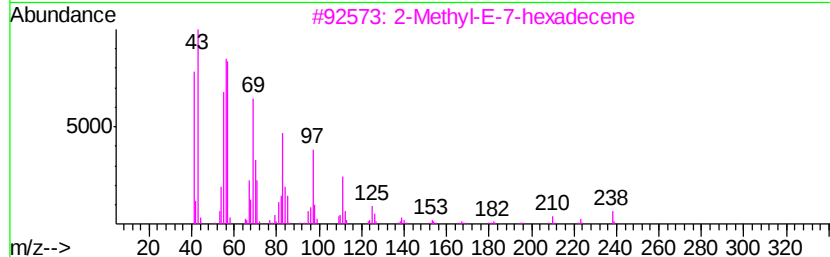
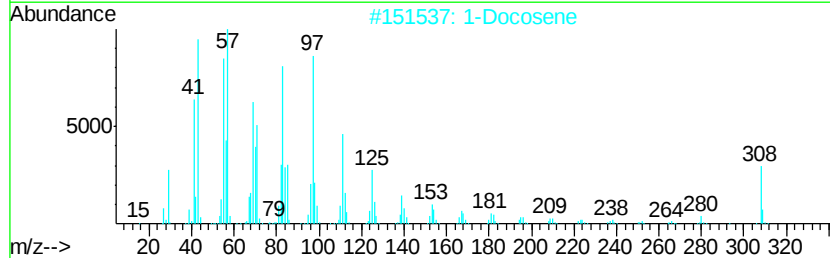
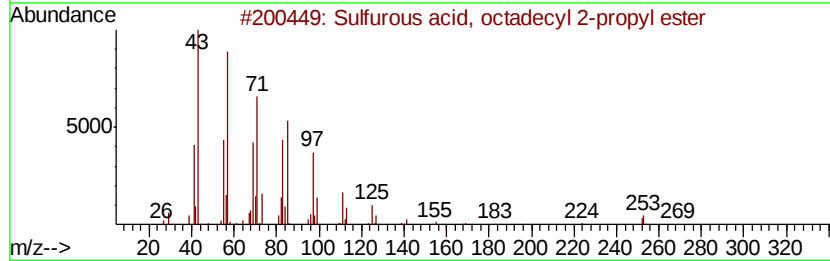
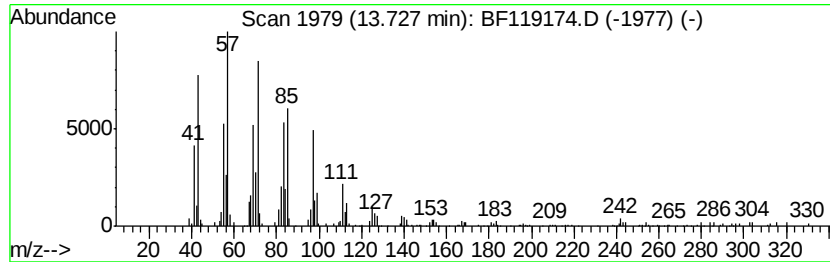
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Sulfurous acid, octadecyl 2... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	6.44 ng	339995	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	90
2		1-Docosene	308	C22H44	001599-67-3	70
3		2-Methyl-E-7-hexadecene	238	C17H34	064183-52-4	64
4		Heptadecyl heptafluorobutyrat	452	C21H35F7O2	959085-66-6	60
5		9-Eicosene, (E)-	280	C20H40	074685-29-3	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119174.D
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Operator : CG/JU
Sample : L1740-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

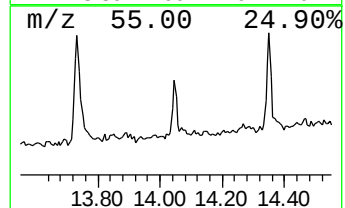
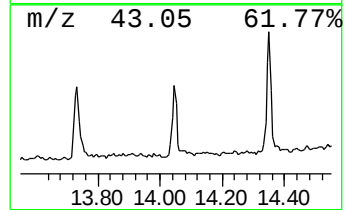
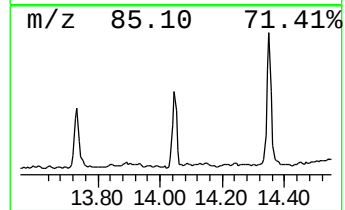
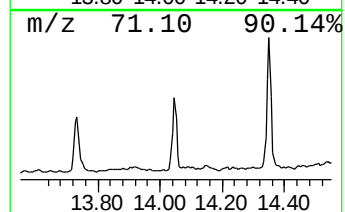
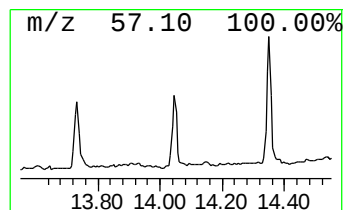
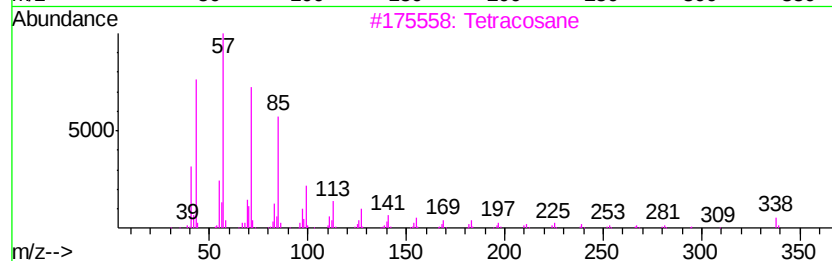
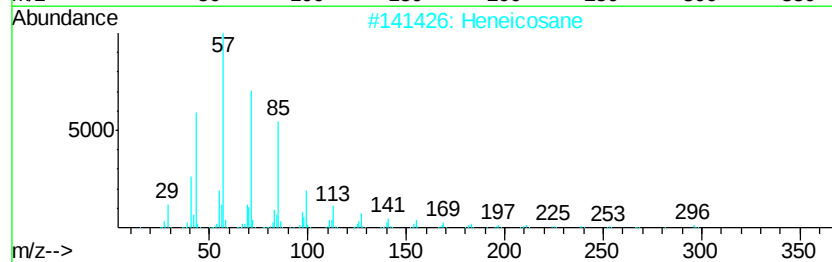
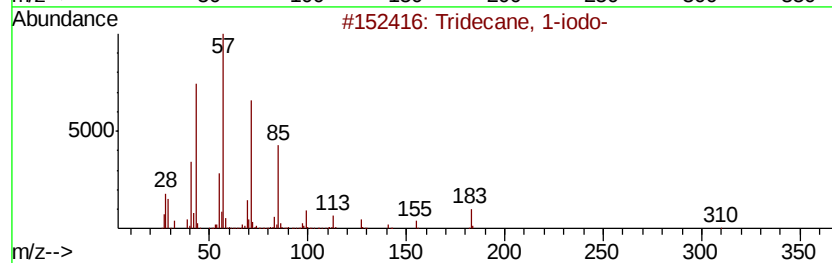
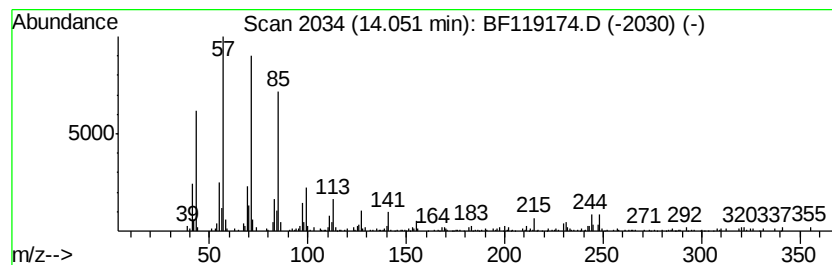
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.05	3.88 ng	205222	Chrysene-d12		13.89	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tetracosane	338	C24H50	000646-31-1	87
4		Triacontane	422	C30H62	000638-68-6	87
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
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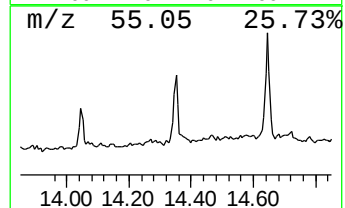
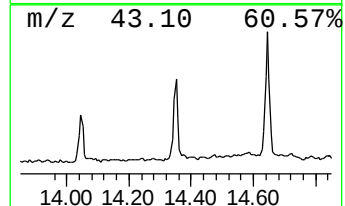
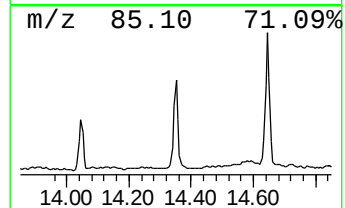
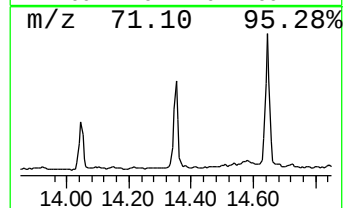
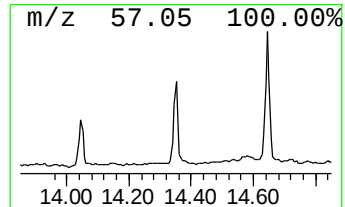
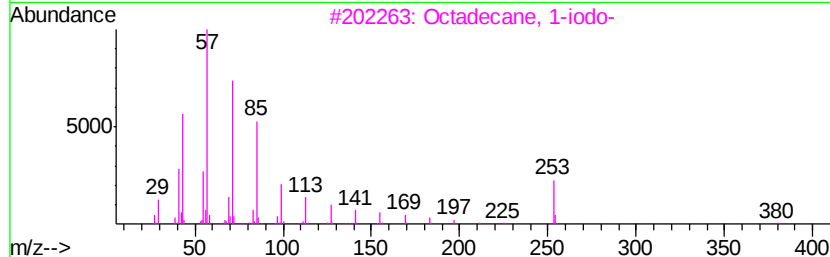
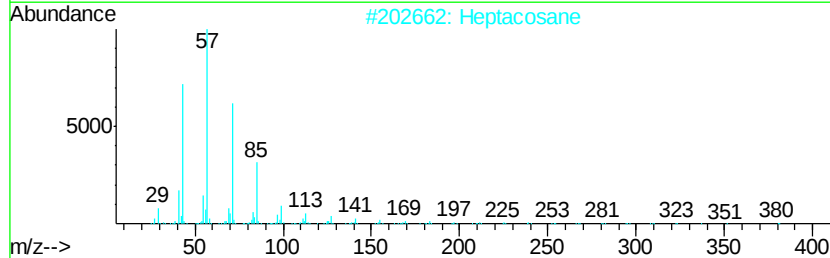
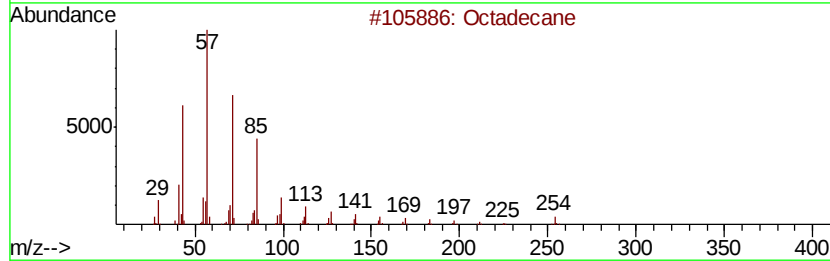
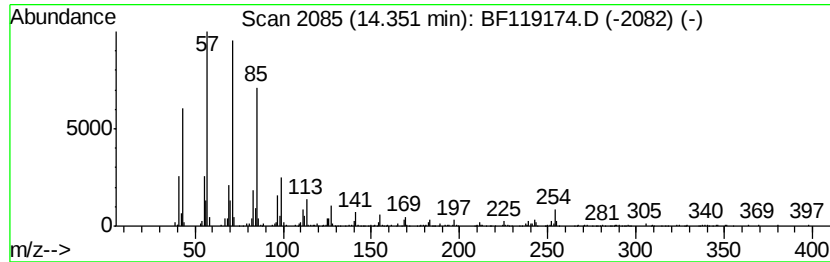
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	5.88 ng	310502	Chrysene-d12	13.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane	254 C18H38	000593-45-3	96
2	Heptacosane	380 C27H56	000593-49-7	95
3	Octadecane, 1-iodo-	380 C18H37I	000629-93-6	93
4	Heneicosane	296 C21H44	000629-94-7	91
5	2-methyloctacosane	408 C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
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Acq On : 2 Mar 2020 17:53
Operator : CG/JU
Sample : L1740-07
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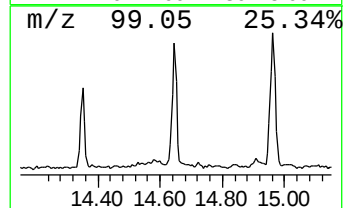
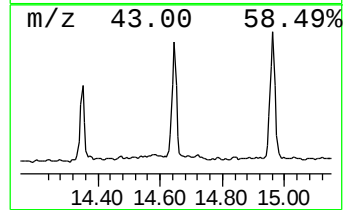
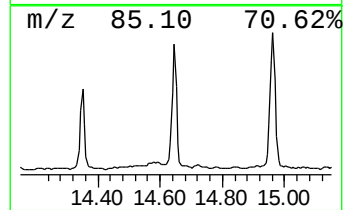
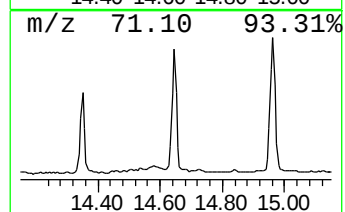
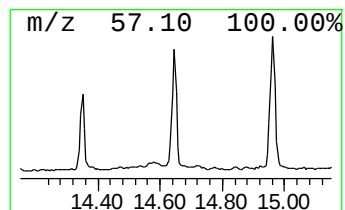
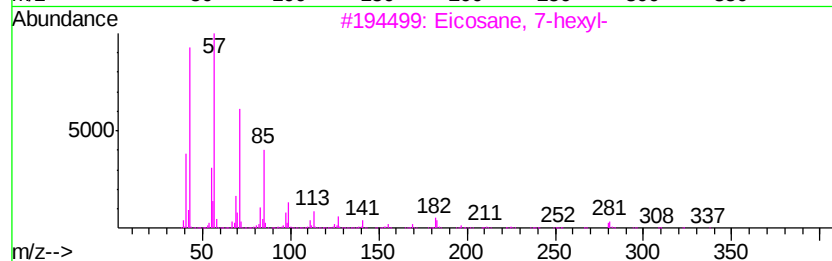
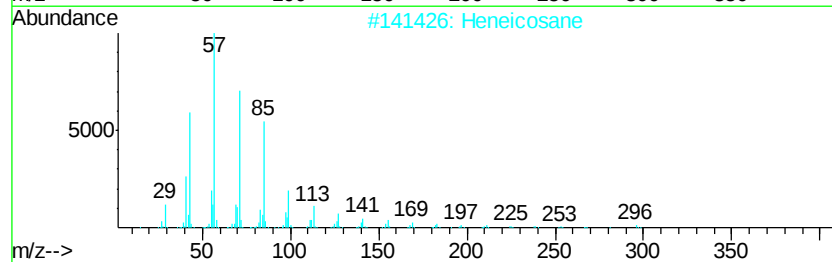
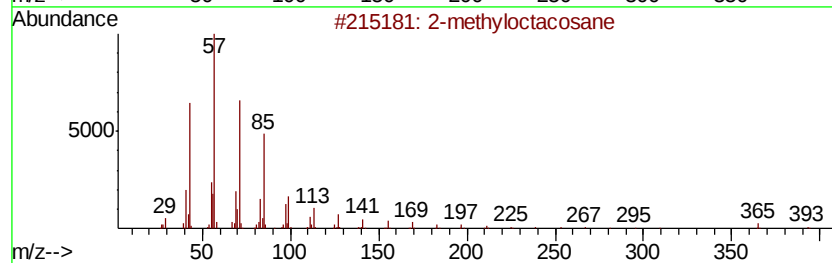
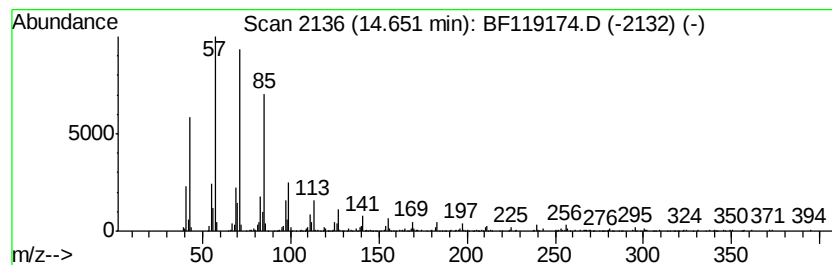
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	5.29 ng	439343	Perylene-d12	15.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-methyloctacosane	408 C29H60	1000376-72-8	91
2	Heneicosane	296 C21H44	000629-94-7	91
3	Eicosane, 7-hexyl-	366 C26H54	055333-99-8	91
4	triacontane	422 C30H62	000638-68-6	91
5	Tetracosane	338 C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
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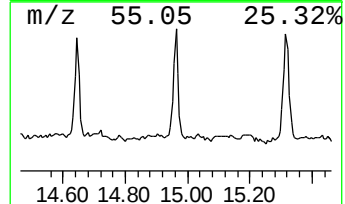
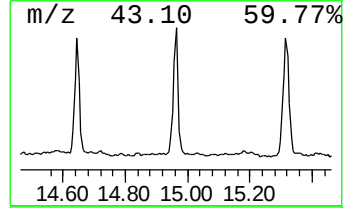
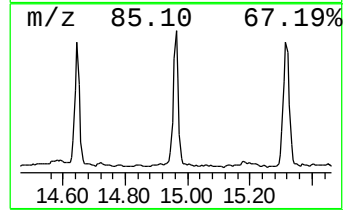
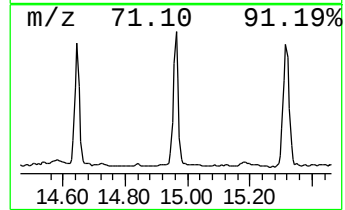
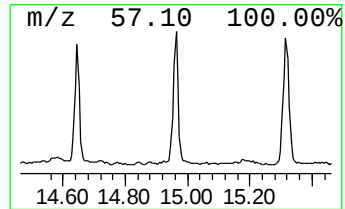
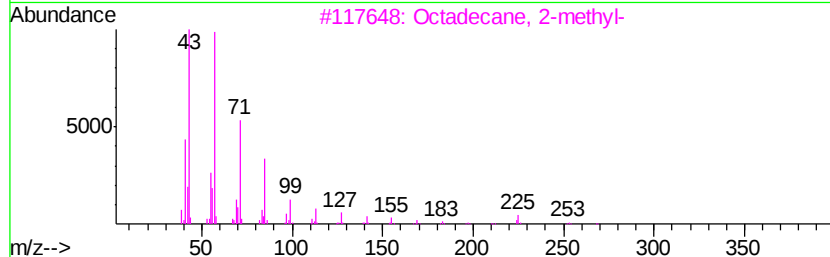
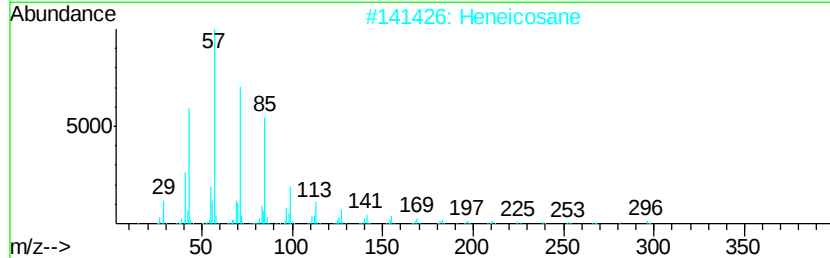
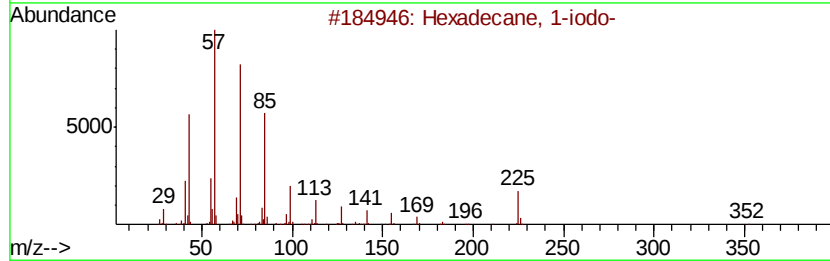
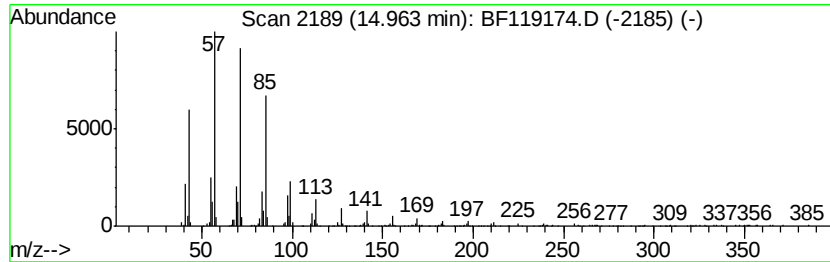
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	7.21 ng	598411	Perylene-d12	15.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane, 1-iodo-	352 C16H33I	000544-77-4	96
2	Heneicosane	296 C21H44	000629-94-7	91
3	Octadecane, 2-methyl-	268 C19H40	001560-88-9	91
4	2-methyloctacosane	408 C29H60	1000376-72-8	91
5	Triacontane	422 C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030220\
Data File : BF119174.D
Acq On : 2 Mar 2020 17:53
Operator : CG/JU
Sample : L1740-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-13-022720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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
unknown4.94	4.94	2.5	ng	89107	1	6.73	705657	20.0
Hexadecane, 2,6,1...	10.69	3.8	ng	205923	4	11.25	1088930	20.0
n-Hexadecanoic acid	11.78	7.2	ng	389504	4	11.25	1088930	20.0
1H-Cyclopropa[1]p...	11.86	2.1	ng	112532	4	11.25	1088930	20.0
Octadecanoic acid	12.56	4.2	ng	230514	4	11.25	1088930	20.0
Sulfurous acid, o...	13.73	6.4	ng	339995	5	13.89	1056600	20.0
Tridecane, 1-iodo-	14.05	3.9	ng	205222	5	13.89	1056600	20.0
Octadecane	14.35	5.9	ng	310502	5	13.89	1056600	20.0
2-methyloctacosane	14.65	5.3	ng	439343	6	15.32	1660840	20.0
Hexadecane, 1-iodo-	14.96	7.2	ng	598411	6	15.32	1660840	20.0