

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
 Data File : BF113271.D
 Acq On : 24 Mar 2019 16:45
 Operator : JU/SJ
 Sample : K2078-03 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-005-B

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-BF022719.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	4.240	360	366	375	rBV	34378	48457	1.21%	0.153%
2	4.910	471	480	483	rBV	2543953	4004827	100.00%	12.616%
3	5.328	548	551	567	rVB	272917	315714	7.88%	0.995%
4	6.357	722	726	740	rBV	1222191	1326688	33.13%	4.179%
5	6.481	744	747	755	rVV	756681	705032	17.60%	2.221%
6	6.557	758	760	765	rVB	54495	50294	1.26%	0.158%
7	6.710	783	786	790	rBV	1071645	966659	24.14%	3.045%
8	6.869	809	813	822	rVB	1526116	1288285	32.17%	4.058%
9	7.275	878	882	888	rBV	1034426	1014566	25.33%	3.196%
10	7.322	888	890	894	rVV	120635	92907	2.32%	0.293%
11	7.522	920	924	928	rVB3	38140	53887	1.35%	0.170%
12	7.992	1000	1004	1012	rBV	1359046	1522462	38.02%	4.796%
13	8.069	1015	1017	1020	rVB	82077	58989	1.47%	0.186%
14	8.292	1051	1055	1058	rBV5	49149	75028	1.87%	0.236%
15	8.386	1068	1071	1074	rVV2	65375	60303	1.51%	0.190%
16	8.428	1075	1078	1083	rVV	118476	121055	3.02%	0.381%
17	8.498	1087	1090	1094	rBV3	71932	77198	1.93%	0.243%
18	8.598	1103	1107	1111	rBV	372603	306213	7.65%	0.965%
19	8.657	1114	1117	1119	rVB2	60068	45306	1.13%	0.143%
20	8.822	1138	1145	1149	rBV4	98709	147465	3.68%	0.465%
21	8.963	1167	1169	1172	rVB	83588	62812	1.57%	0.198%
22	9.004	1173	1176	1178	rBV2	41239	41373	1.03%	0.130%
23	9.027	1178	1180	1183	rVB2	109213	90248	2.25%	0.284%
24	9.069	1183	1187	1192	rBV	2030806	1879034	46.92%	5.919%
25	9.163	1199	1203	1207	rBV	427346	385920	9.64%	1.216%
26	9.222	1211	1213	1215	rVB	69068	50365	1.26%	0.159%
27	9.386	1238	1241	1243	rBV2	33094	46052	1.15%	0.145%
28	9.410	1243	1245	1247	rVV3	84105	92426	2.31%	0.291%
29	9.433	1247	1249	1251	rVV3	83909	79429	1.98%	0.250%
30	9.463	1251	1254	1256	rVV	172443	219282	5.48%	0.691%
31	9.480	1256	1257	1259	rVV	189474	124675	3.11%	0.393%
32	9.498	1259	1260	1263	rVV2	107482	98485	2.46%	0.310%
33	9.533	1263	1266	1269	rVB3	70585	92379	2.31%	0.291%
34	9.686	1290	1292	1297	rVV	425578	368416	9.20%	1.161%

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 Smoothing : ON
 Sampling : 1
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 Stop Thrs : 0

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.745	1297	1302	1306	rBV2	1424517	1387392	34.64%	4.371%
36	9.775	1306	1307	1311	rVB2	85437	69499	1.74%	0.219%
37	9.857	1318	1321	1325	rVB3	42108	58278	1.46%	0.184%
38	9.927	1328	1333	1334	rBV4	50539	74839	1.87%	0.236%
39	9.951	1334	1337	1340	rVB	95999	87316	2.18%	0.275%
40	10.010	1345	1347	1351	rVV3	96689	101828	2.54%	0.321%
41	10.063	1354	1356	1364	rVB7	35964	70894	1.77%	0.223%
42	10.186	1374	1377	1380	rVB	478347	348132	8.69%	1.097%
43	10.292	1392	1395	1397	rBV2	83089	82954	2.07%	0.261%
44	10.404	1408	1414	1417	rBV	172671	220532	5.51%	0.695%
45	10.457	1420	1423	1426	rVB4	55362	62903	1.57%	0.198%
46	10.492	1426	1429	1431	rBV2	55896	57154	1.43%	0.180%
47	10.533	1431	1436	1440	rBV3	162259	217477	5.43%	0.685%
48	10.657	1454	1457	1465	rVB	487050	615555	15.37%	1.939%
49	10.980	1508	1512	1519	rVB5	65006	122899	3.07%	0.387%
50	11.104	1530	1533	1536	rVV	412334	355189	8.87%	1.119%
51	11.133	1536	1538	1544	rVB	180820	185500	4.63%	0.584%
52	11.227	1550	1554	1556	rBV	1267399	1191241	29.75%	3.753%
53	11.251	1556	1558	1561	rVV	463460	412464	10.30%	1.299%
54	11.298	1564	1566	1571	rVB	108754	119658	2.99%	0.377%
55	11.480	1595	1597	1601	rVB2	48298	48381	1.21%	0.152%
56	11.527	1602	1605	1608	rVV	311171	237348	5.93%	0.748%
57	11.627	1619	1622	1628	rVB2	85090	86559	2.16%	0.273%
58	11.757	1642	1644	1648	rBV2	145764	164347	4.10%	0.518%
59	11.839	1655	1658	1661	rVB	66097	52834	1.32%	0.166%
60	11.933	1671	1674	1677	rVB	271335	219380	5.48%	0.691%
61	12.216	1718	1722	1726	rBV4	54446	81307	2.03%	0.256%
62	12.274	1729	1732	1735	rBV	70019	73740	1.84%	0.232%
63	12.327	1735	1741	1744	rBV3	349235	530914	13.26%	1.673%
64	12.433	1756	1759	1762	rVB	462256	399696	9.98%	1.259%
65	12.663	1793	1798	1801	rBV	438430	441500	11.02%	1.391%
66	12.692	1801	1803	1806	rVB	191555	149317	3.73%	0.470%
67	12.804	1819	1822	1831	rVB	1620895	1527777	38.15%	4.813%
68	12.992	1852	1854	1857	rVB	92572	76831	1.92%	0.242%
69	13.051	1860	1864	1867	rBV2	189078	213807	5.34%	0.674%
70	13.280	1900	1903	1909	rVB	447897	407429	10.17%	1.283%
71	13.386	1919	1921	1925	rBV3	170799	171556	4.28%	0.540%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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72	13.627	1960	1962	1966	rVB2	144336	135396	3.38%	0.427%
73	13.715	1975	1977	1979	rBV2	147322	111557	2.79%	0.351%
74	13.857	1996	2001	2004	rBV2	1378199	1770604	44.21%	5.578%
75	14.033	2028	2031	2037	rVB3	245615	233622	5.83%	0.736%
76	14.210	2059	2061	2065	rBV	141052	152081	3.80%	0.479%
77	14.333	2080	2082	2085	rBV	276074	238815	5.96%	0.752%
78	14.457	2100	2103	2106	rVB	435901	395725	9.88%	1.247%
79	14.633	2130	2133	2136	rBV2	285106	297278	7.42%	0.936%
80	14.804	2159	2162	2167	rBV	183613	228525	5.71%	0.720%
81	14.945	2184	2186	2194	rVB2	332381	355751	8.88%	1.121%
82	15.268	2237	2241	2244	rBV	679789	872665	21.79%	2.749%
83	15.704	2312	2315	2320	rVB	239211	315058	7.87%	0.993%

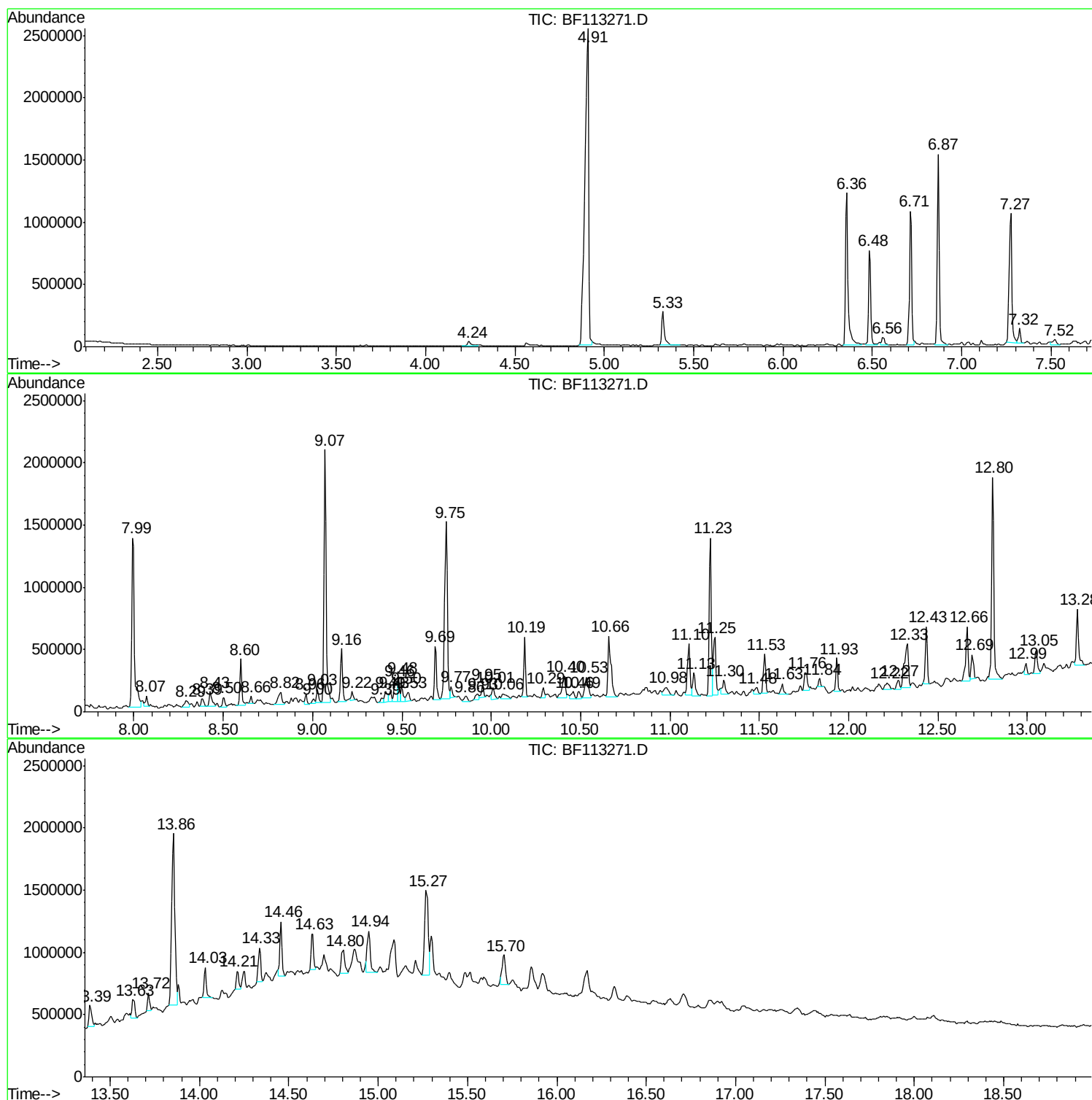
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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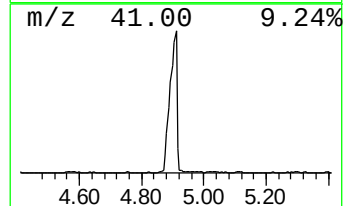
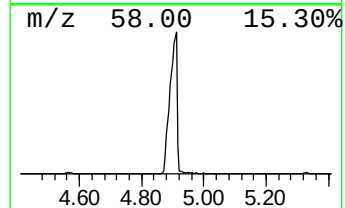
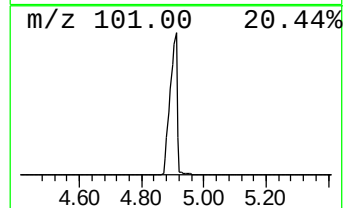
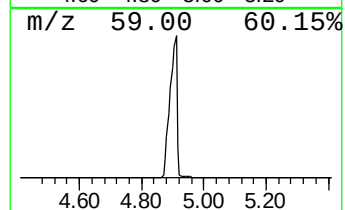
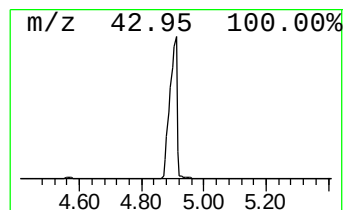
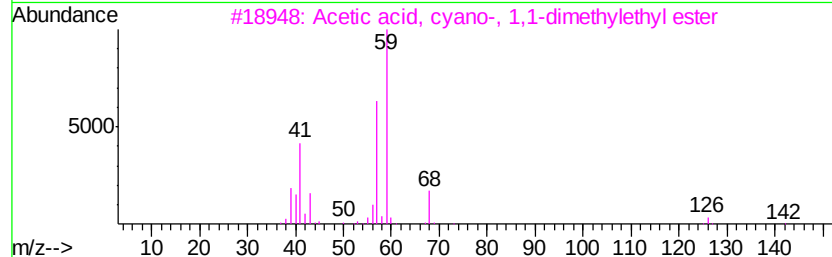
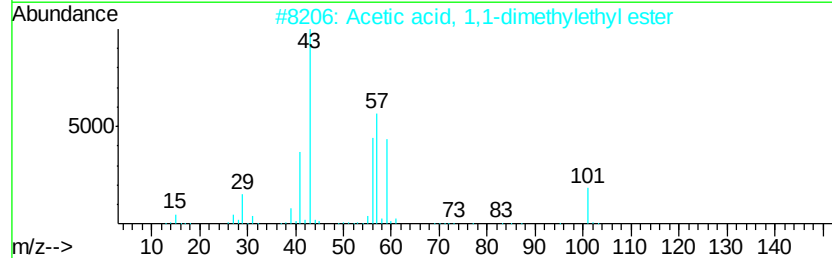
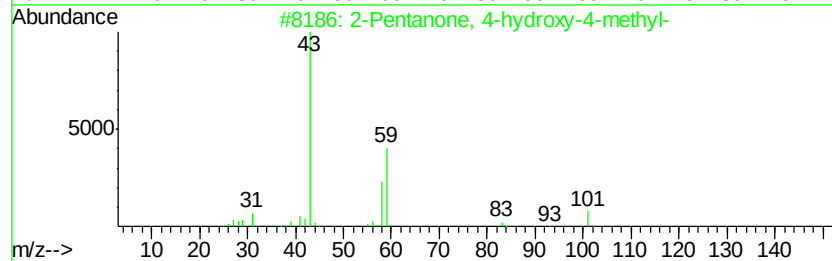
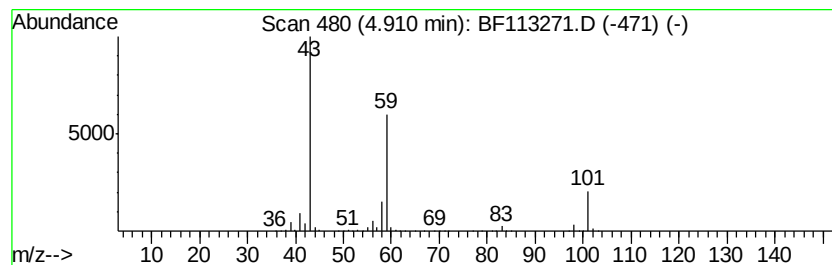
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	82.86 ng	4004830	1,4-Dichlorobenzene-d4	6.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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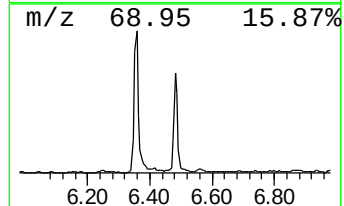
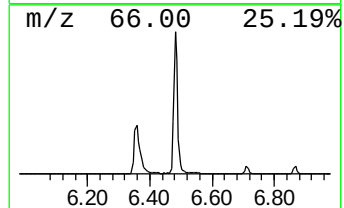
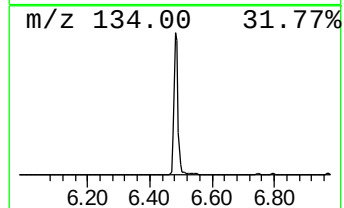
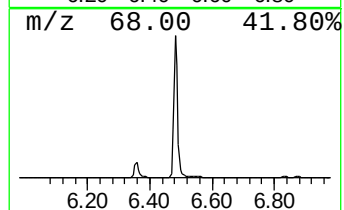
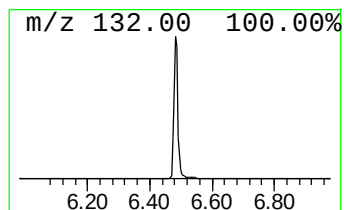
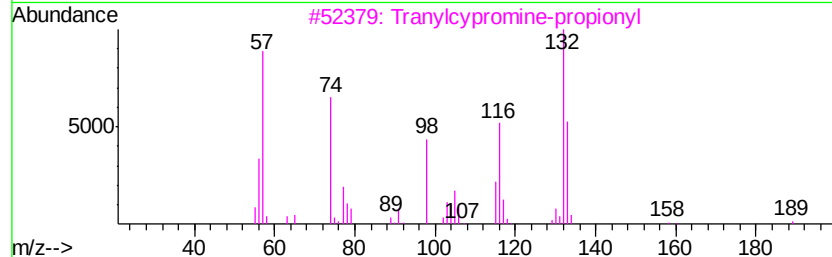
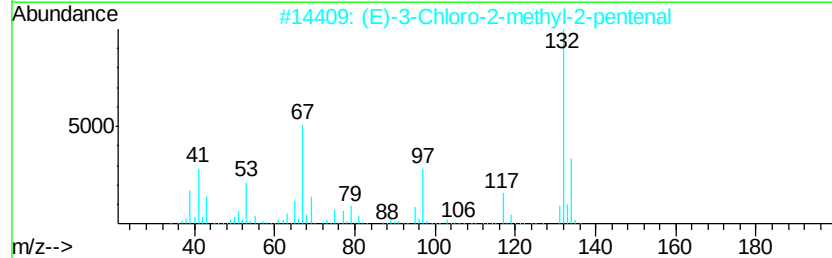
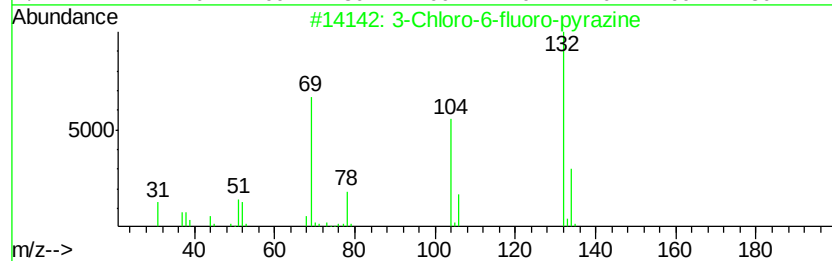
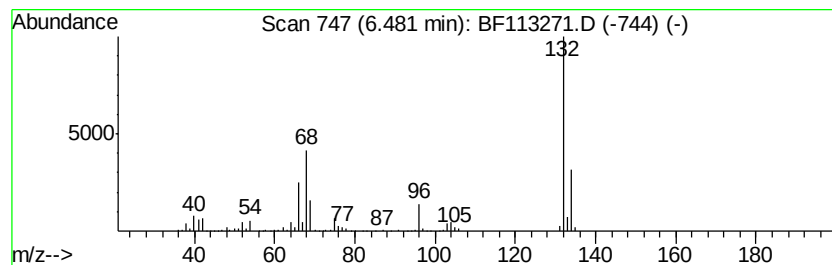
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.48 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	14.59 ng	705032	1,4-Dichlorobenzene-d4	6.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Amphetaminil	250	C17H18N2	017590-01-1	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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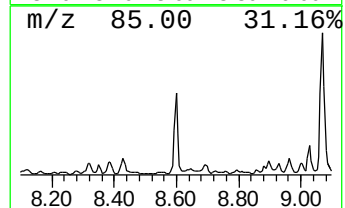
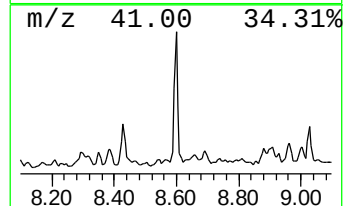
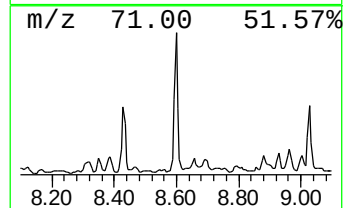
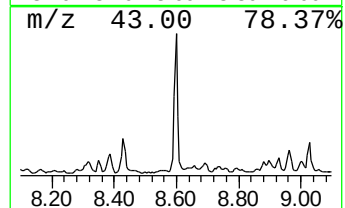
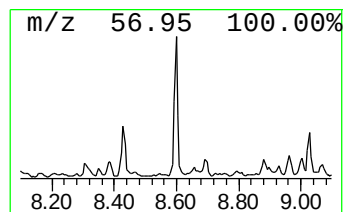
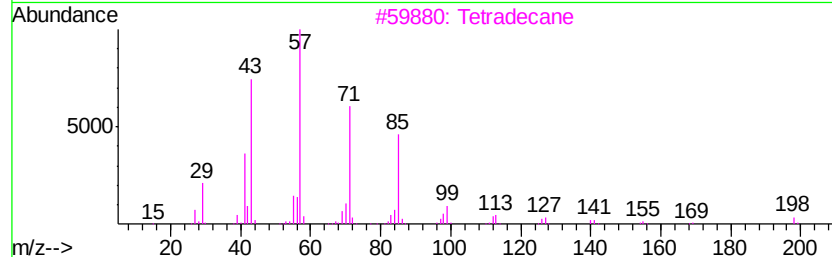
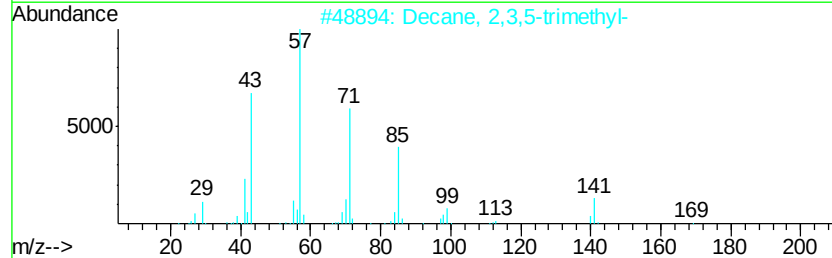
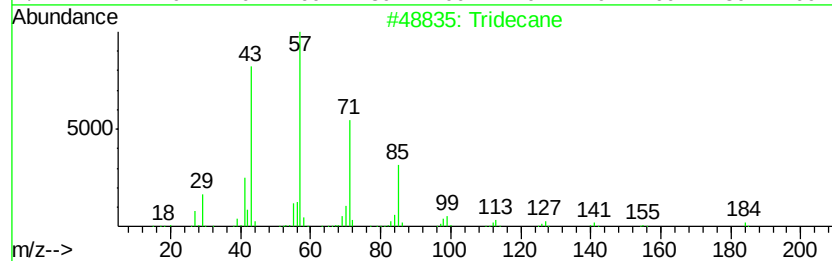
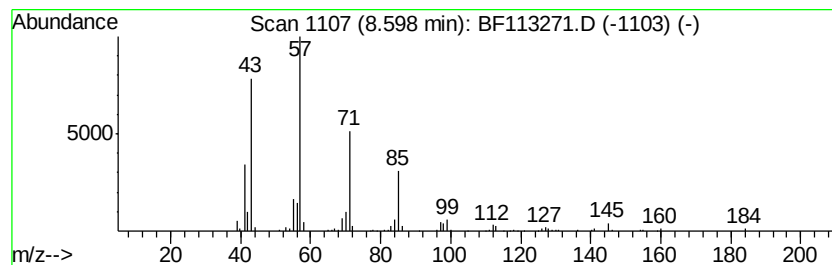
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.60	4.02 ng	306213	Napthalene-d8	8.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Pentadecane	212	C15H32	000629-62-9	86



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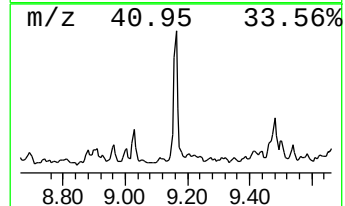
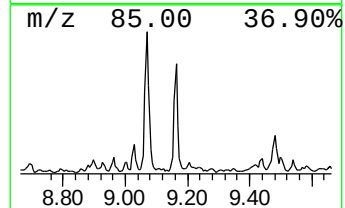
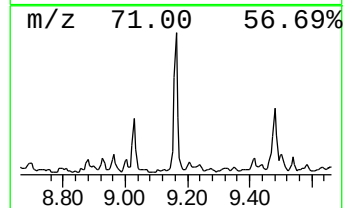
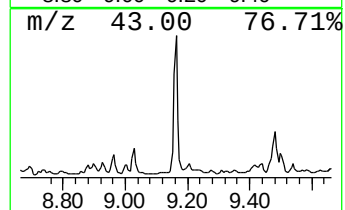
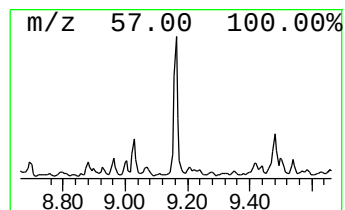
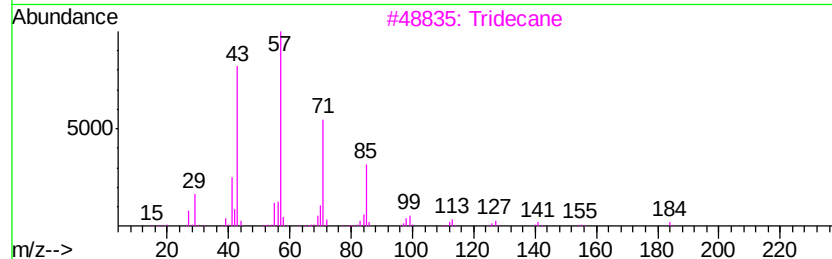
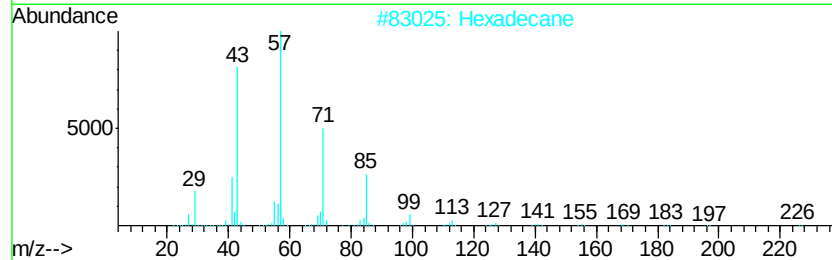
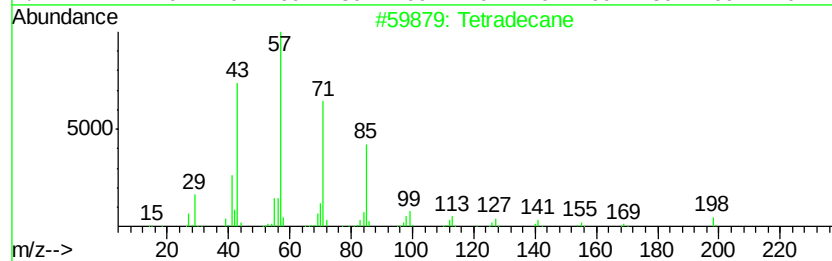
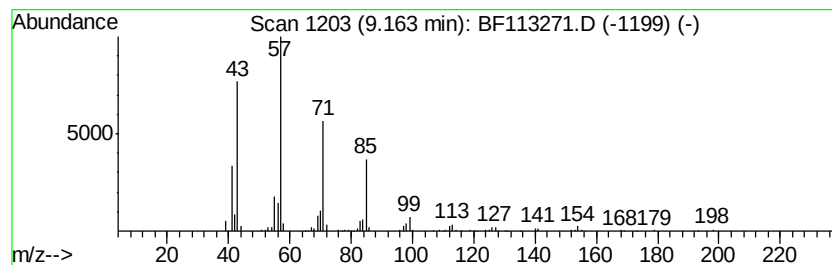
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 5 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	5.56 ng	385920	Acenaphthene-d10	9.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	96
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	90
4		Pentadecane	212	C15H32	000629-62-9	90
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
Data File : BF113271.D
Acq On : 24 Mar 2019 16:45
Operator : JU/SJ
Sample : K2078-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

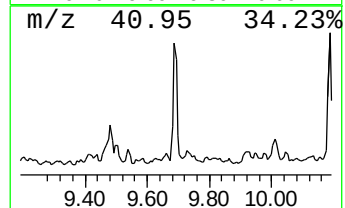
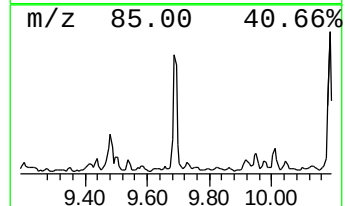
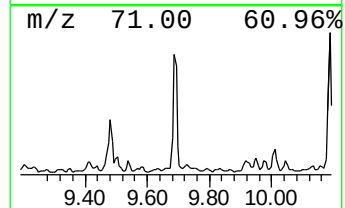
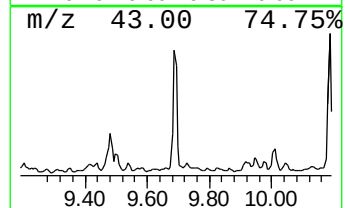
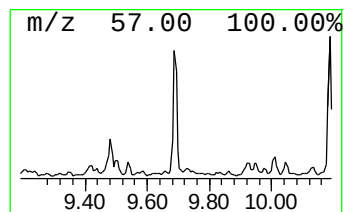
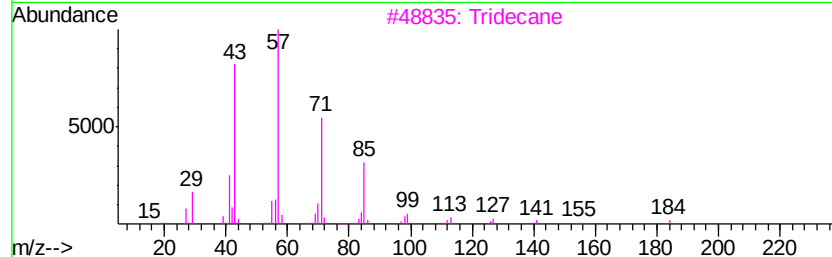
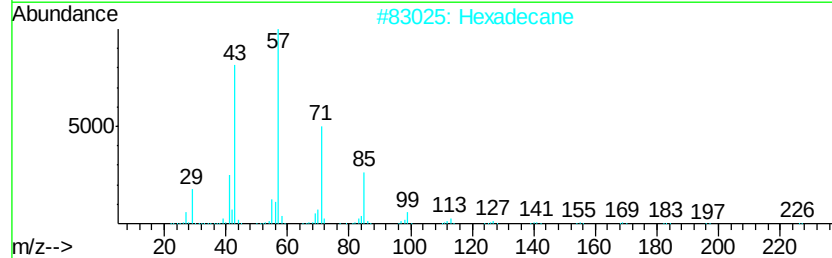
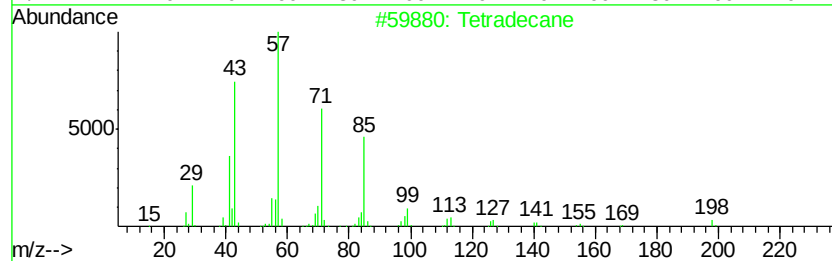
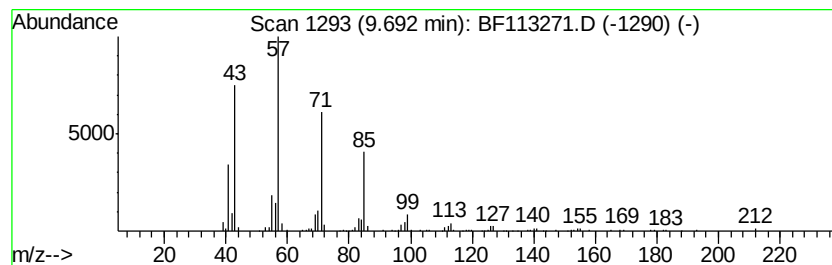
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 2,3,5-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.69	5.31 ng	368416	Acenaphthene-d10		9.75
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	83
4	Pentadecane	212	C15H32	000629-62-9	83
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
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Sample : K2078-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

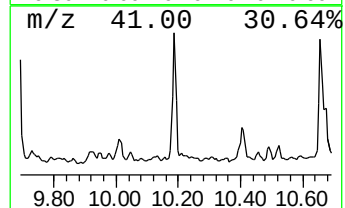
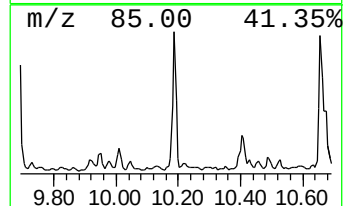
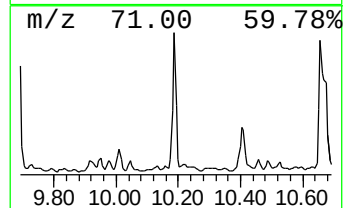
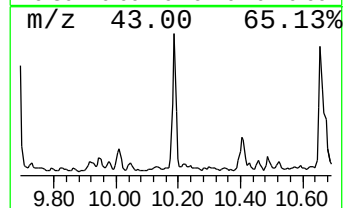
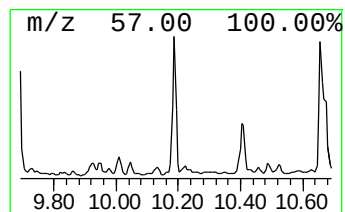
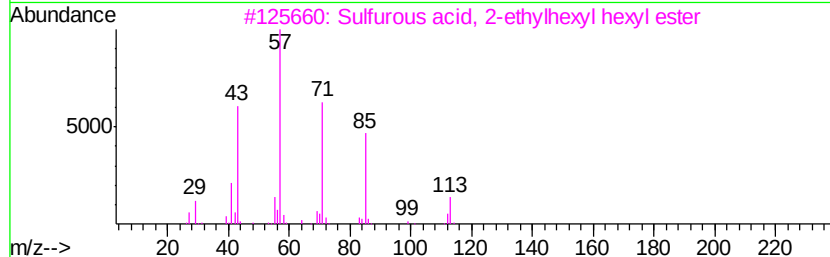
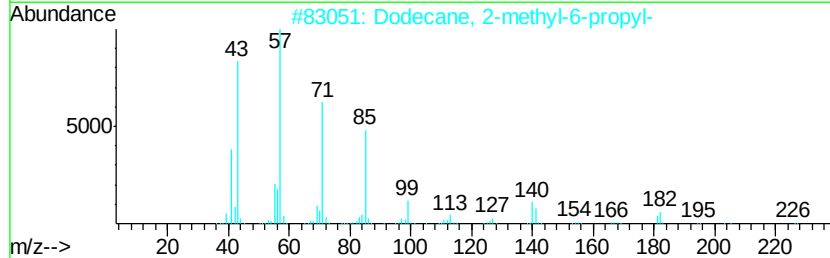
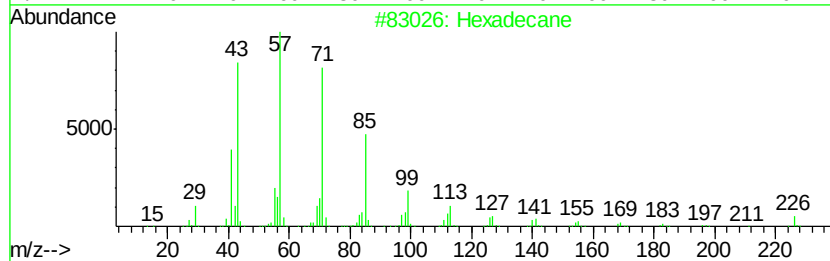
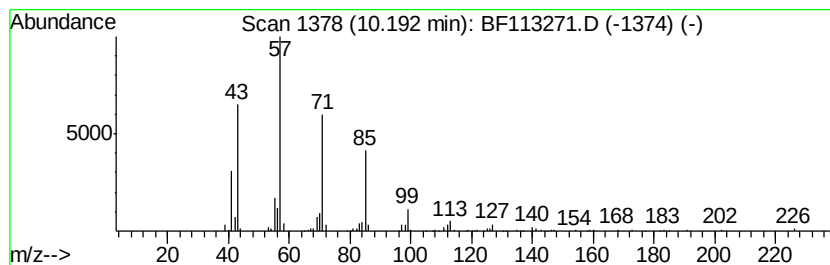
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.19	5.02 ng	348132	Acenaphthene-d10		9.75
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
4	Pentadecane	212	C15H32	000629-62-9	72
5	Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
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Sample : K2078-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

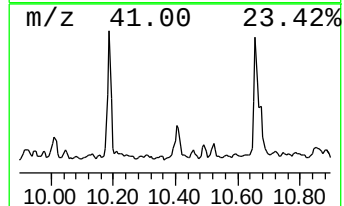
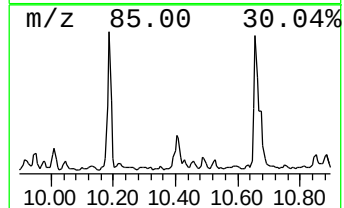
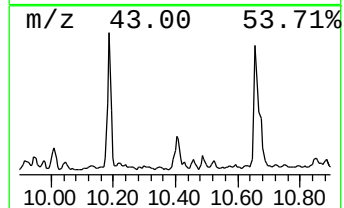
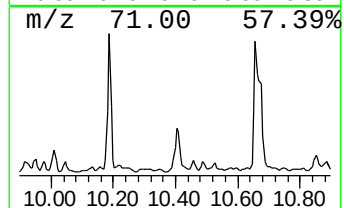
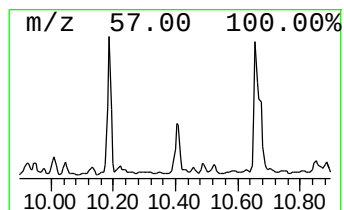
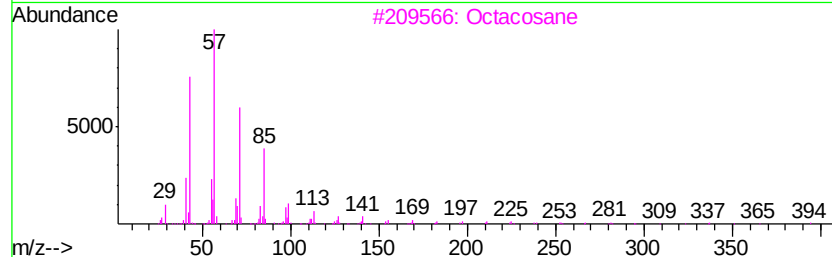
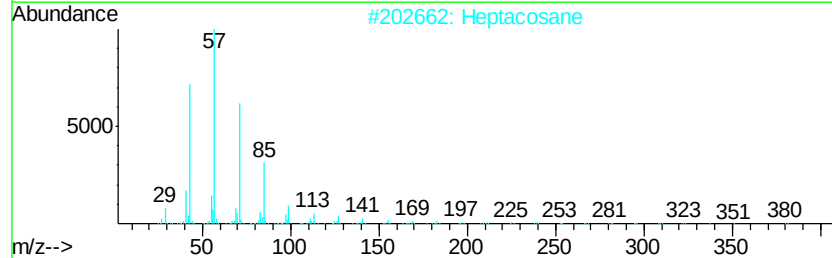
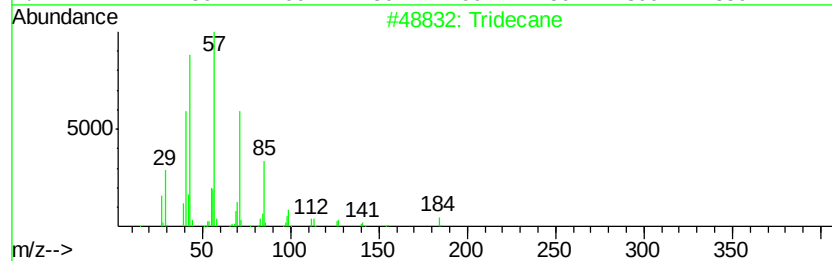
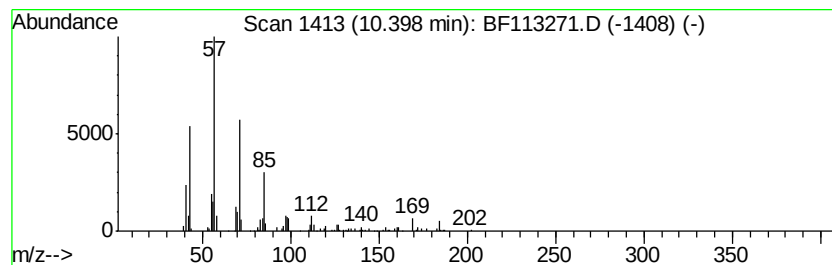
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane, 1-iodo- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.40	3.18 ng	220532	Acenaphthene-d10		9.75
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Heptacosane	380	C27H56	000593-49-7	80
3	Octacosane	394	C28H58	000630-02-4	64
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	59
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
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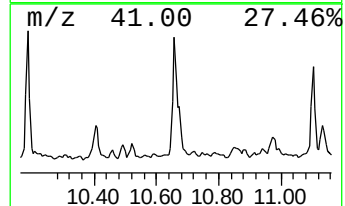
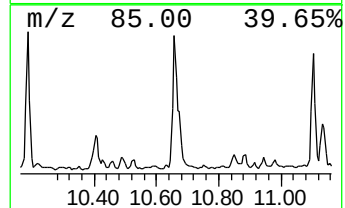
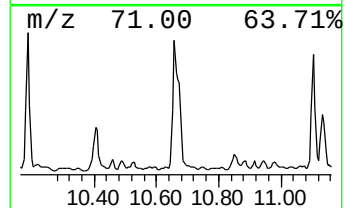
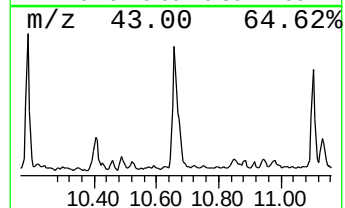
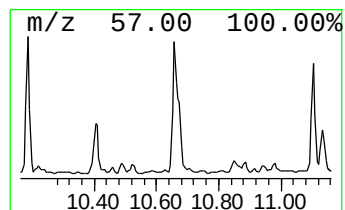
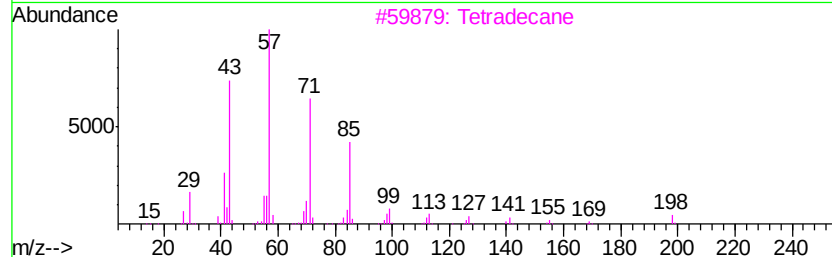
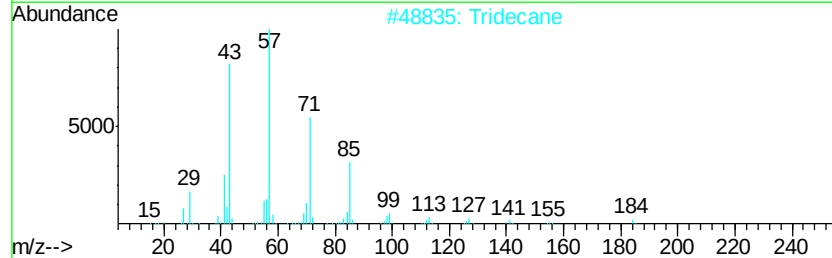
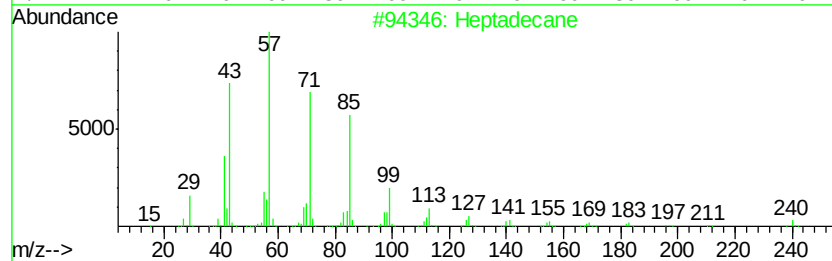
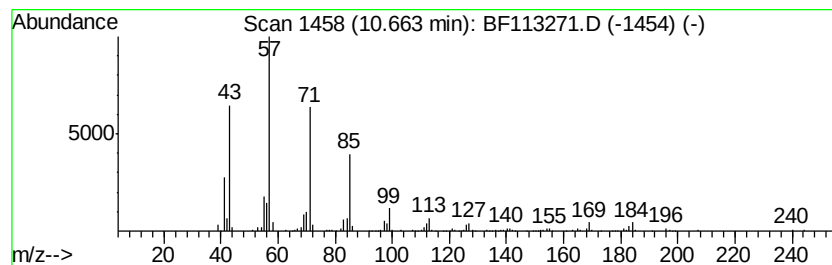
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.66	10.33 ng	615555	Phenanthrene-d10		11.23
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tridecane	184	C13H28	000629-50-5	94
3	Tetradecane	198	C14H30	000629-59-4	93
4	Heneicosane	296	C21H44	000629-94-7	90
5	Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
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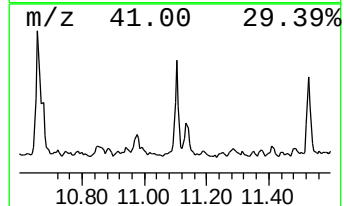
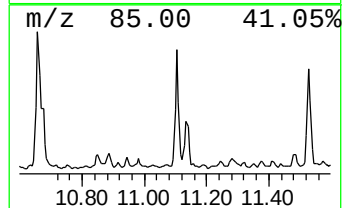
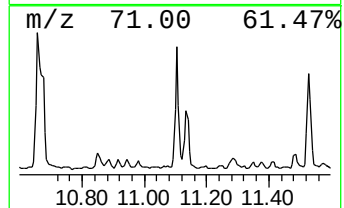
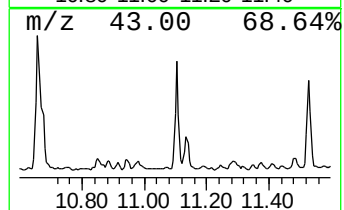
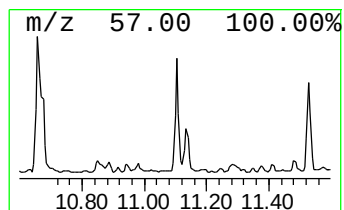
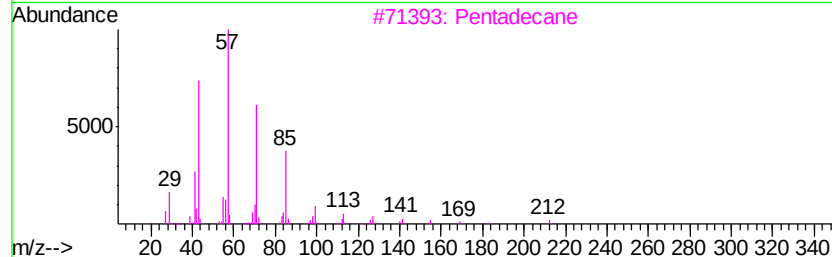
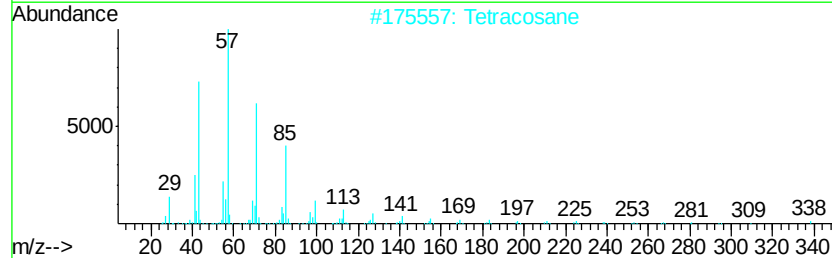
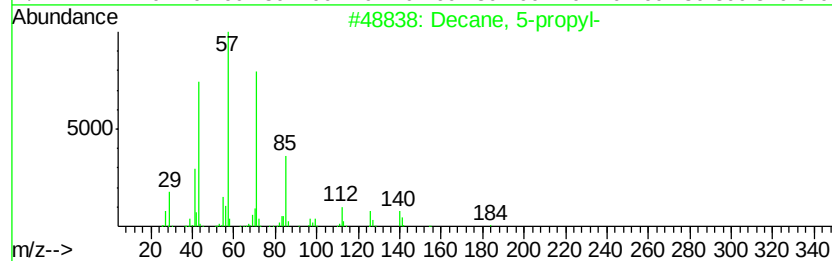
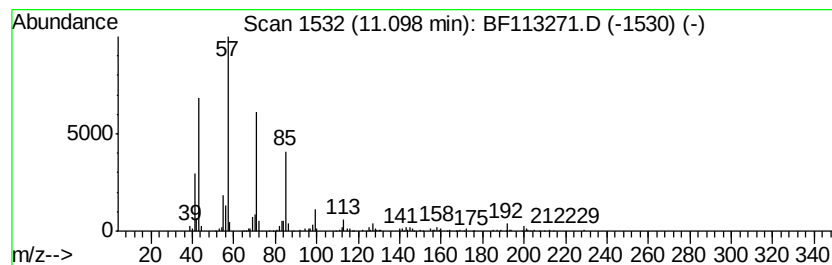
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Decane, 5-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.10	5.96 ng	355189	Phenanthrene-d10		11.23
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-propyl-	184	C13H28	017312-62-8	87
2	Tetracosane	338	C24H50	000646-31-1	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Eicosane	282	C20H42	000112-95-8	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
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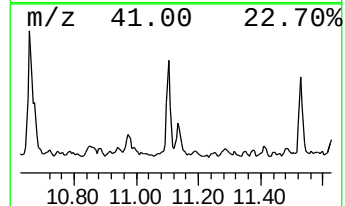
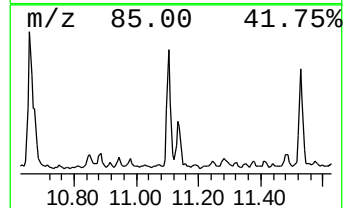
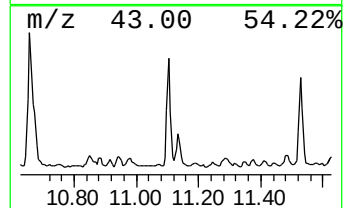
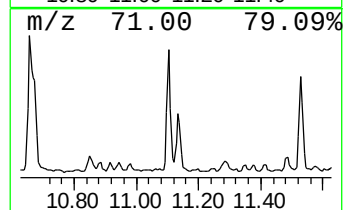
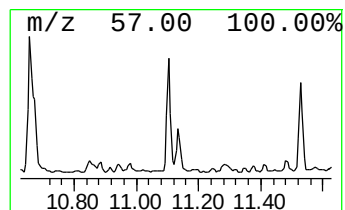
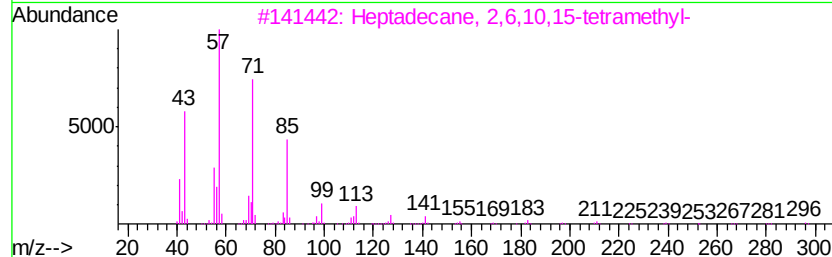
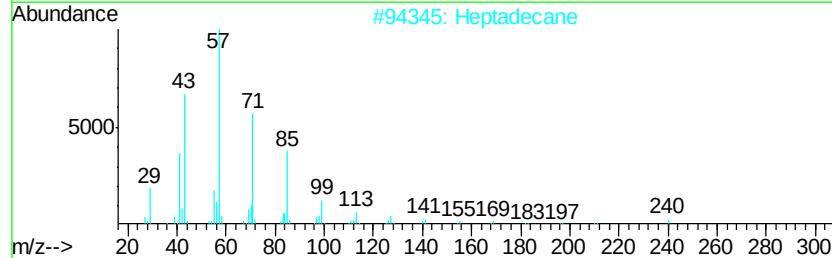
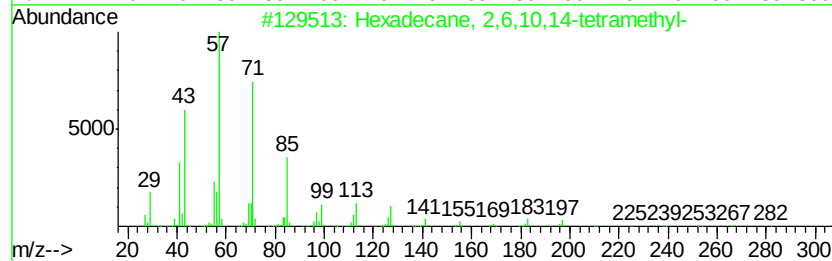
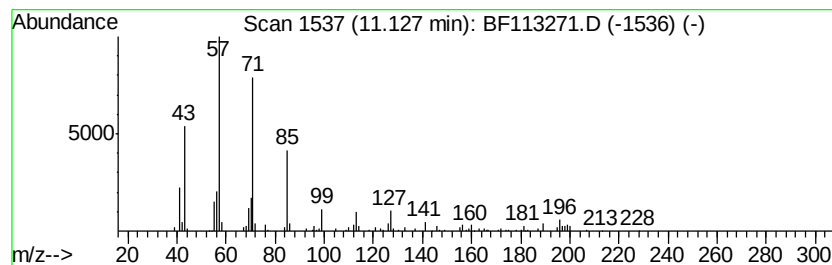
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane, 2,6,10,14-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.13	3.11 ng	185500	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
2	Heptadecane	240	C17H36	000629-78-7	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4	Heneicosane	296	C21H44	000629-94-7	86
5	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
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 Operator : JU/SJ
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Instrument :
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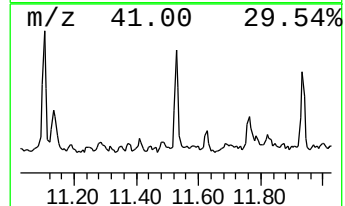
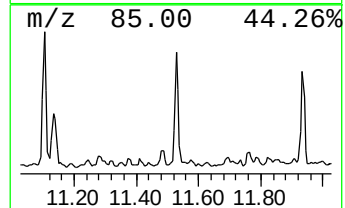
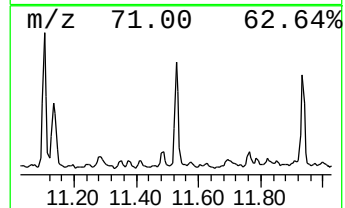
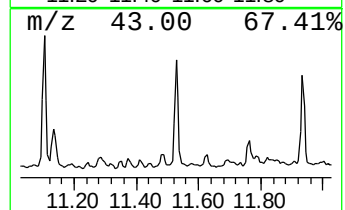
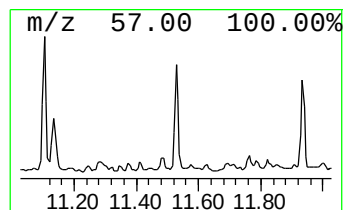
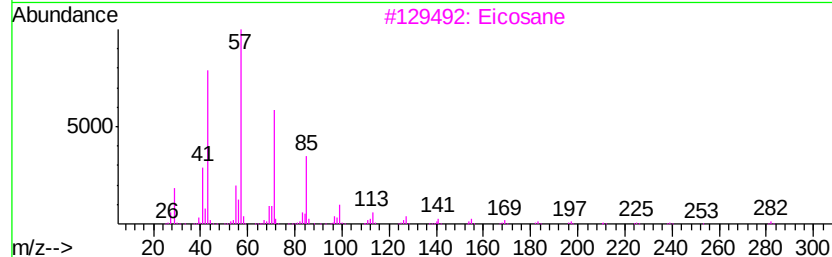
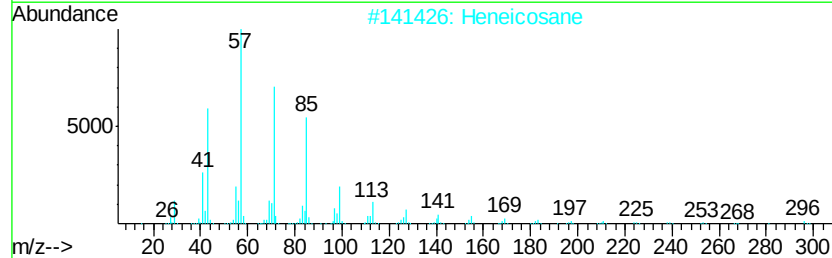
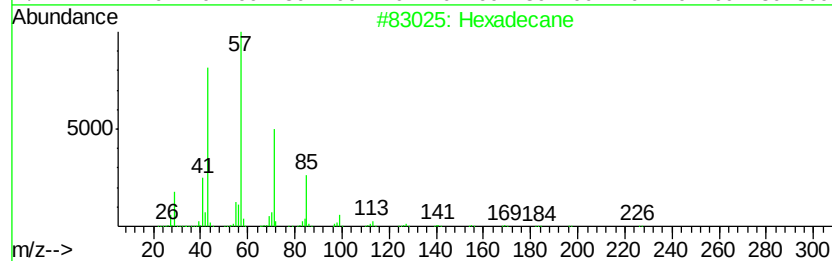
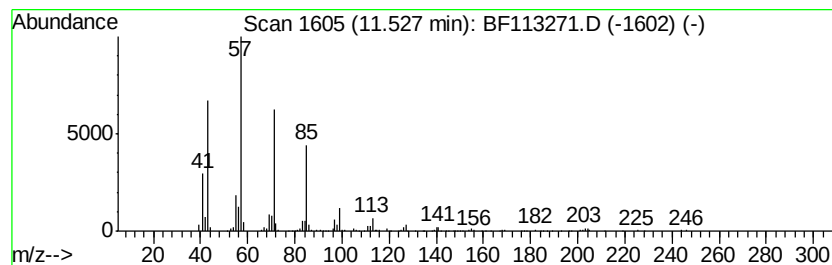
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 12 Dodecane, 2-methyl-6-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	3.98 ng	237348	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Eicosane	282	C20H42	000112-95-8	86
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
Data File : BF113271.D
Acq On : 24 Mar 2019 16:45
Operator : JU/SJ
Sample : K2078-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

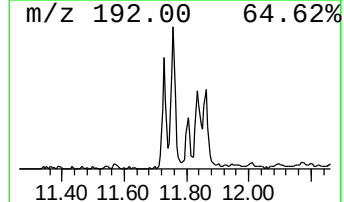
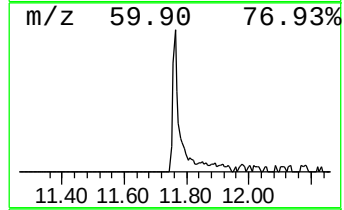
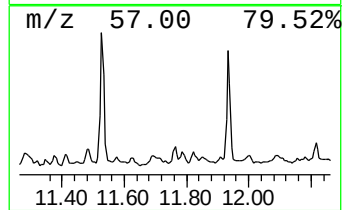
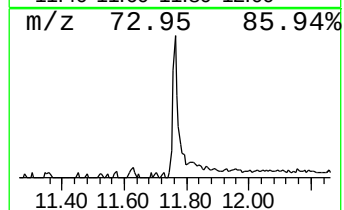
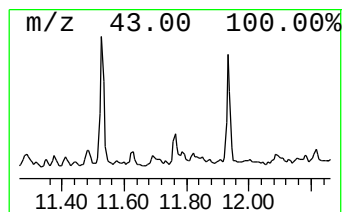
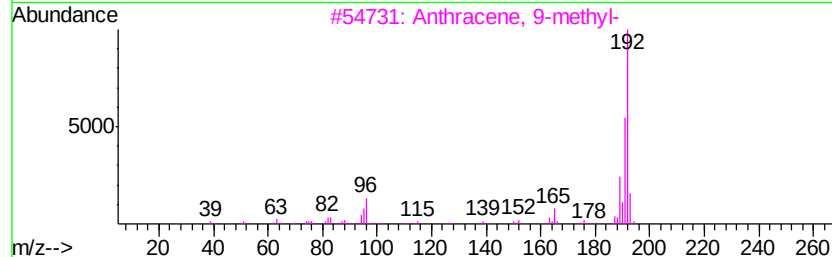
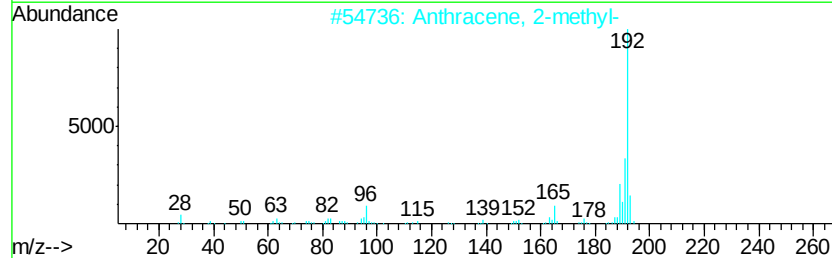
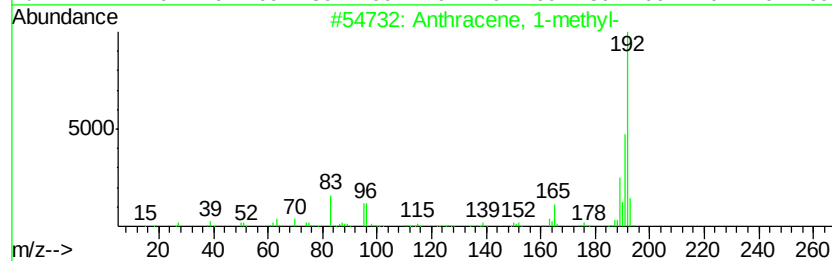
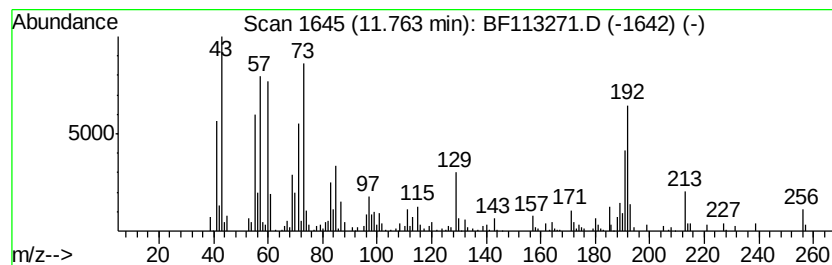
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Anthracene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.76	2.76 ng	164347	Phenanthrene-d10		11.23
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	83
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
Data File : BF113271.D
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Operator : JU/SJ
Sample : K2078-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

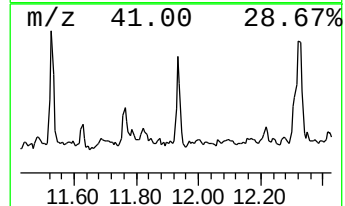
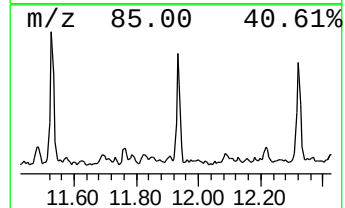
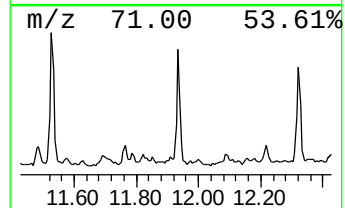
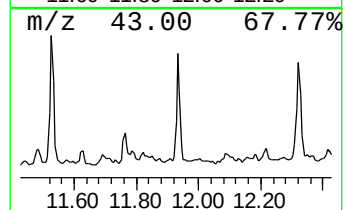
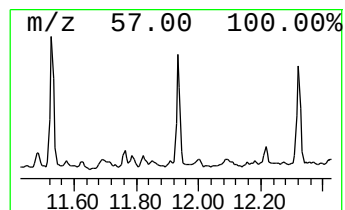
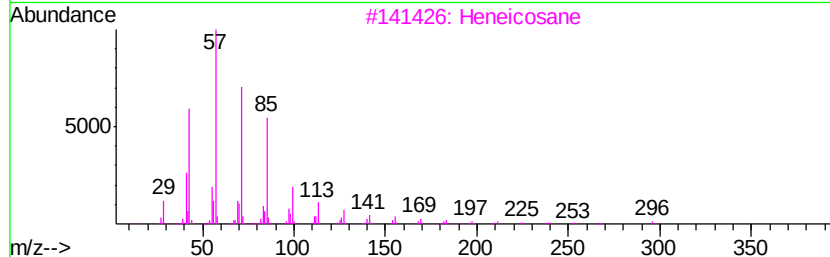
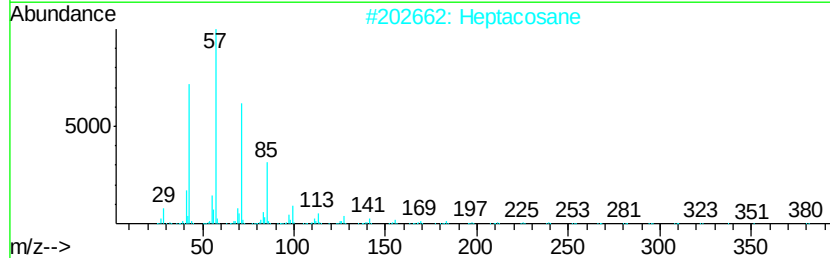
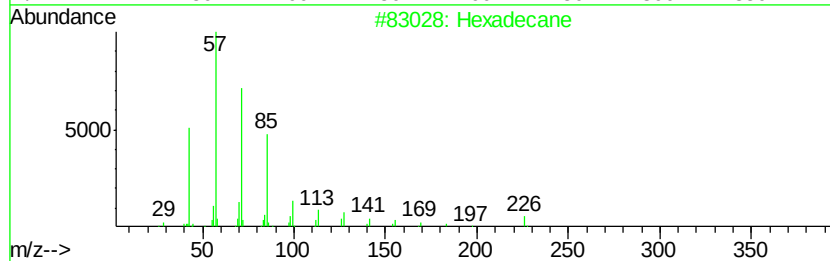
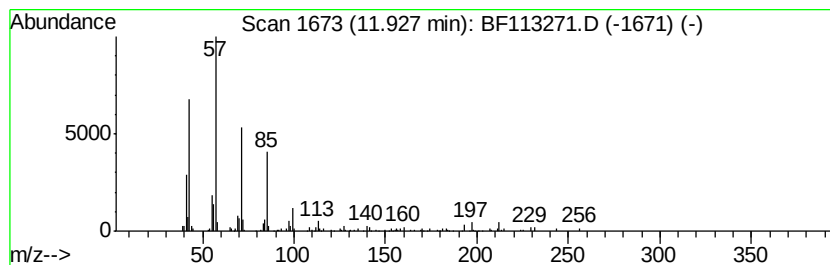
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosane, 10-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.93	3.68 ng	219380	Phenanthrene-d10		11.23
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
Data File : BF113271.D
Acq On : 24 Mar 2019 16:45
Operator : JU/SJ
Sample : K2078-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-005-B

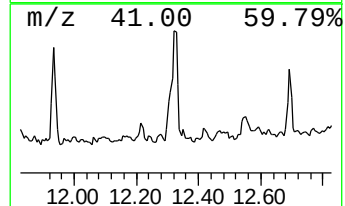
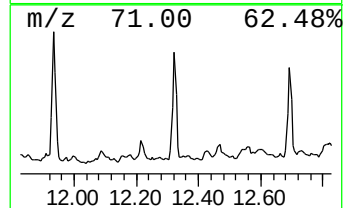
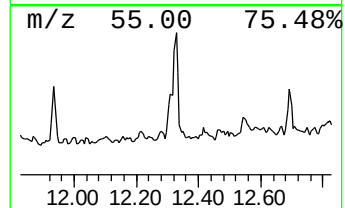
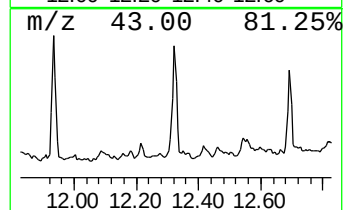
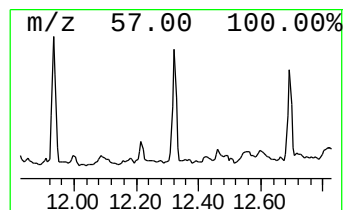
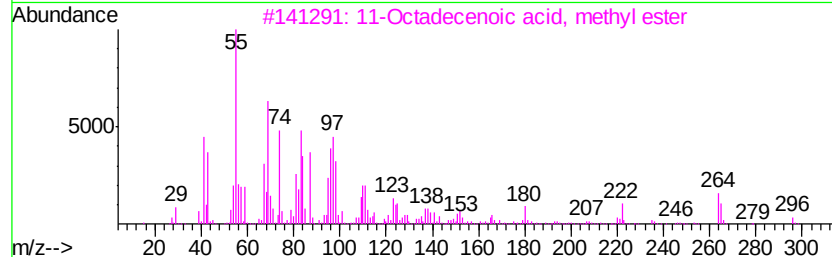
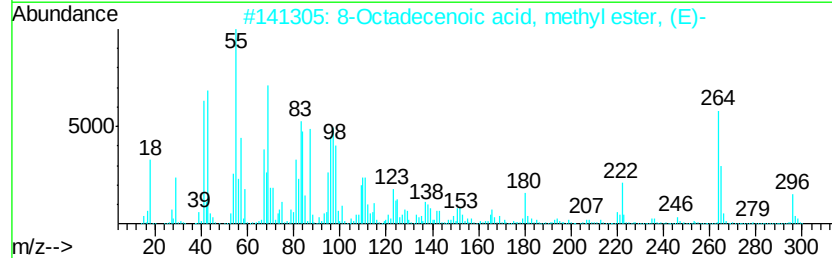
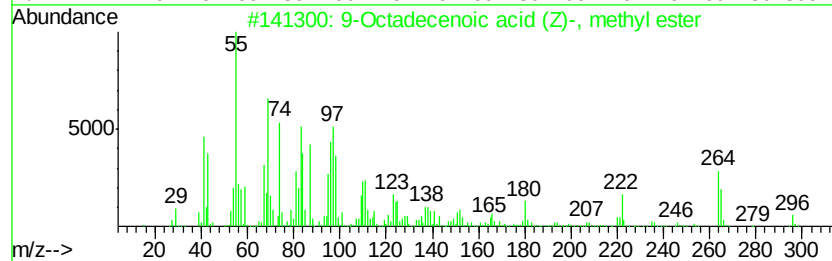
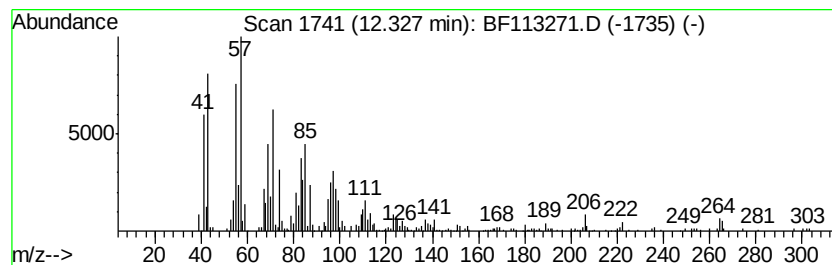
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9-Octadecenoic acid (Z)-, m... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	8.91 ng	530914	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	97
2		8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	97
3		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	96
4		7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	95
5		9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
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Sample : K2078-03 2X
Misc :
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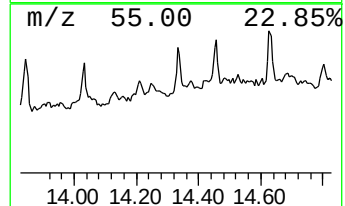
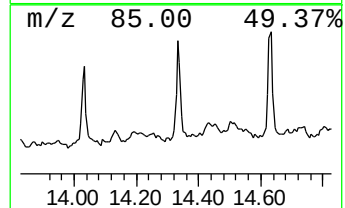
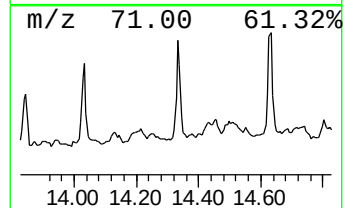
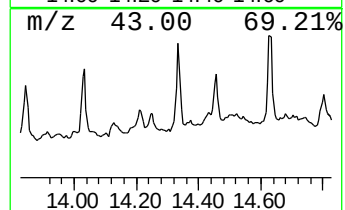
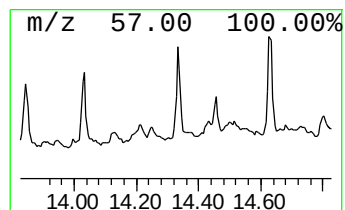
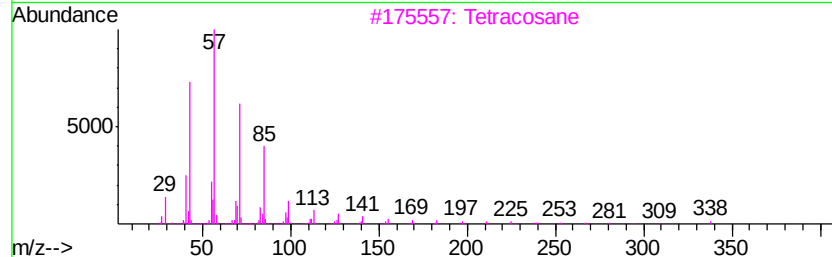
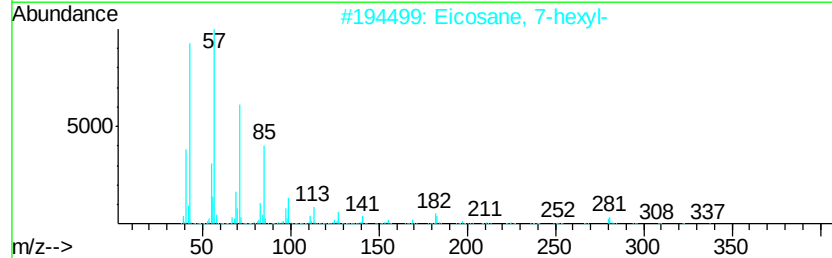
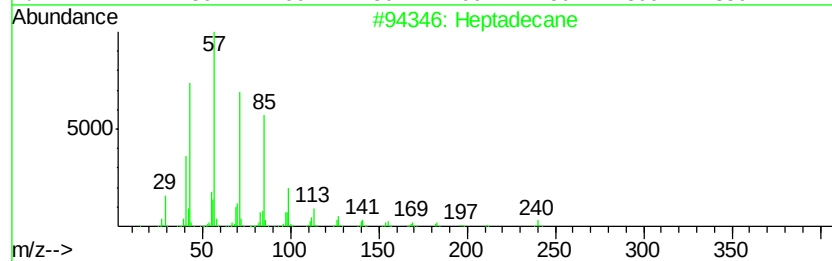
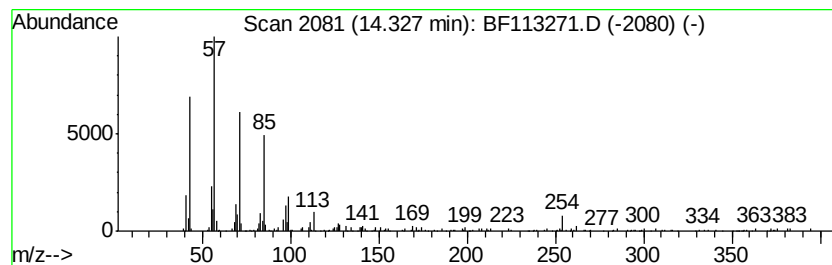
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane, 7-hexyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.33	2.70 ng	238815	Chrysene-d12		13.86
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
3	Tetracosane	338	C24H50	000646-31-1	83
4	Octadecane	254	C18H38	000593-45-3	83
5	Octacosane	394	C28H58	000630-02-4	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
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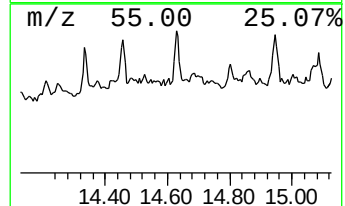
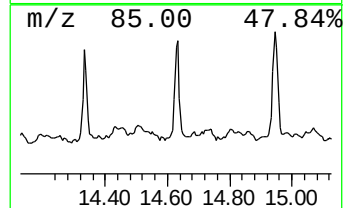
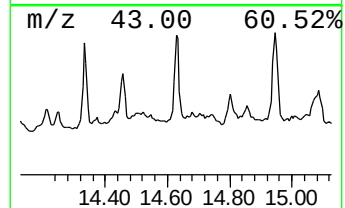
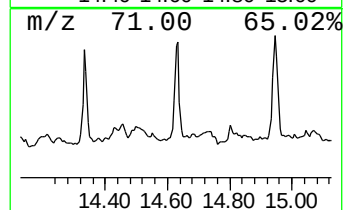
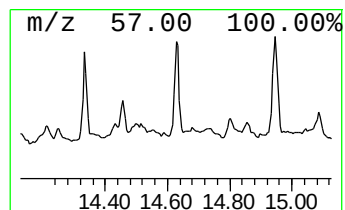
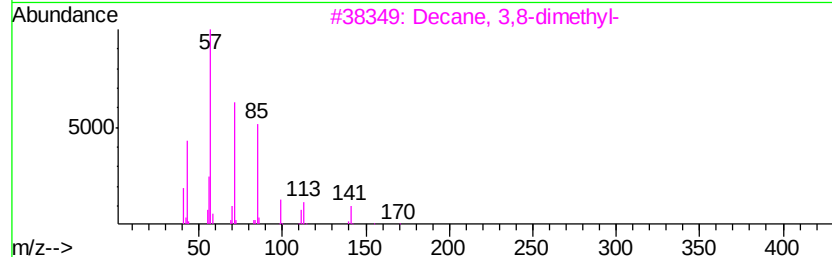
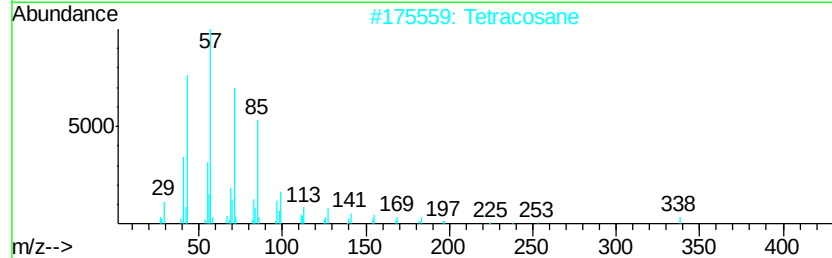
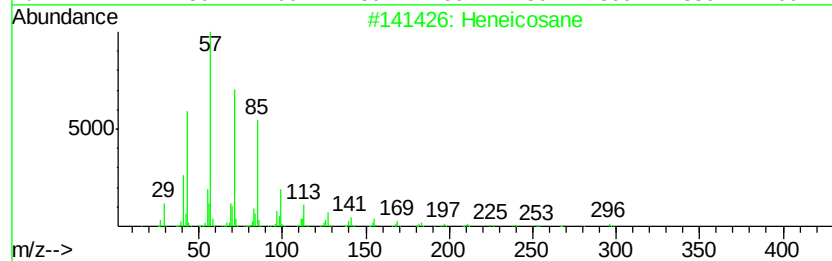
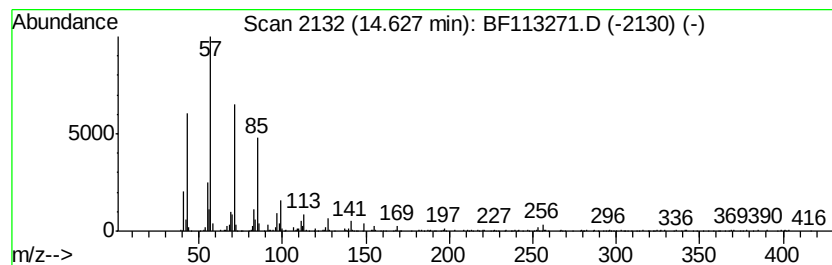
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-Bromotetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.63	6.81 ng	297278	Perylene-d12	15.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Tetracosane	338	C24H50	000646-31-1	90
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
4	Tricosane	324	C23H48	000638-67-5	87
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
Data File : BF113271.D
Acq On : 24 Mar 2019 16:45
Operator : JU/SJ
Sample : K2078-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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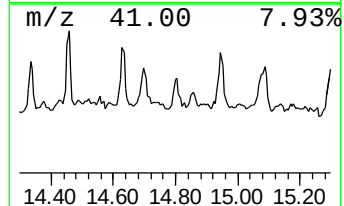
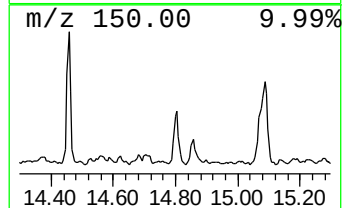
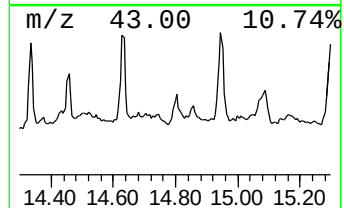
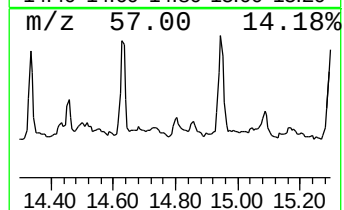
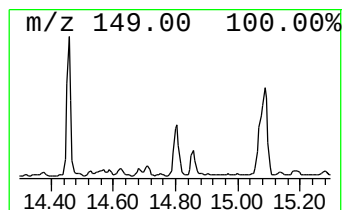
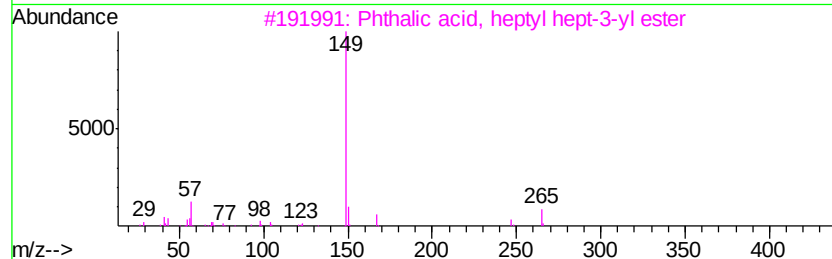
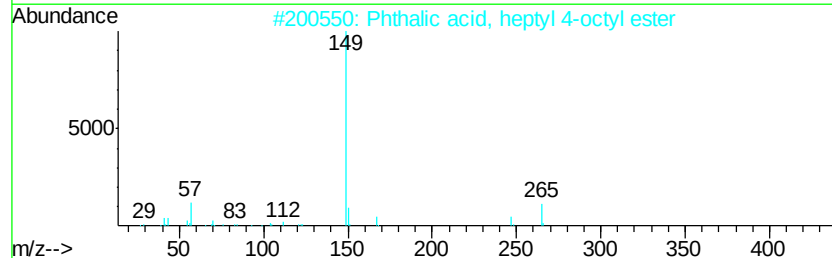
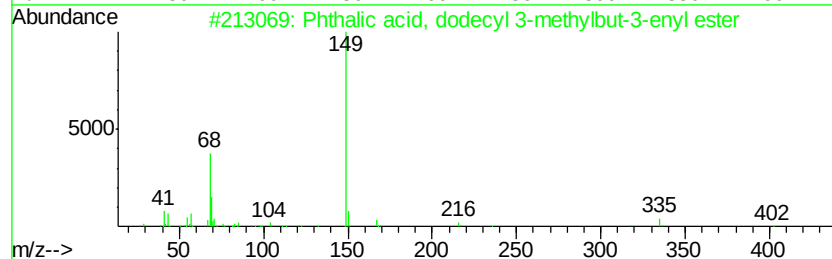
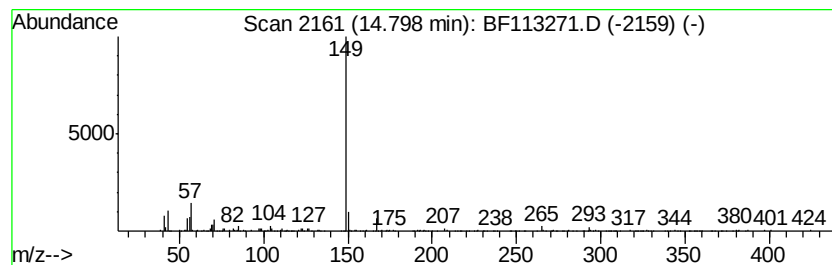
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phthalic acid, dodecyl 3-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	5.24 ng	228525	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, dodecyl 3-methylb...	402	C25H38O4	1000357-11-0	83
2		Phthalic acid, heptyl 4-octyl ester	376	C23H36O4	1000314-84-1	80
3		Phthalic acid, heptyl hept-3-yl ...	362	C22H34O4	1000356-99-1	72
4		Phthalic acid, 3-methylbut-3-enyl...	430	C27H42O4	1000357-11-2	72
5		1,2-Benzenedicarboxylic acid, is...	418	C26H42O4	001330-96-7	72



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Data File : BF113271.D
Acq On : 24 Mar 2019 16:45
Operator : JU/SJ
Sample : K2078-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-005-B

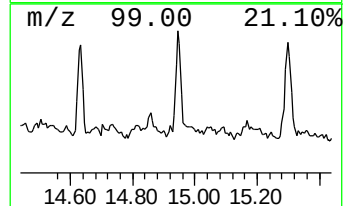
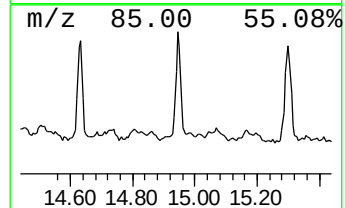
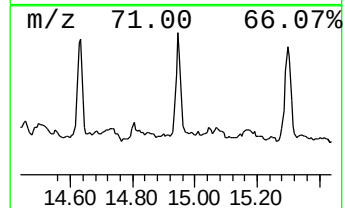
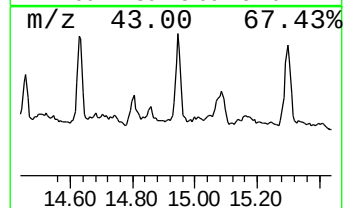
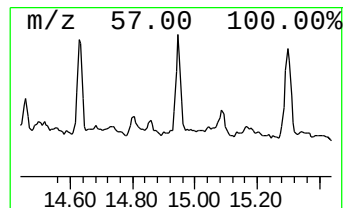
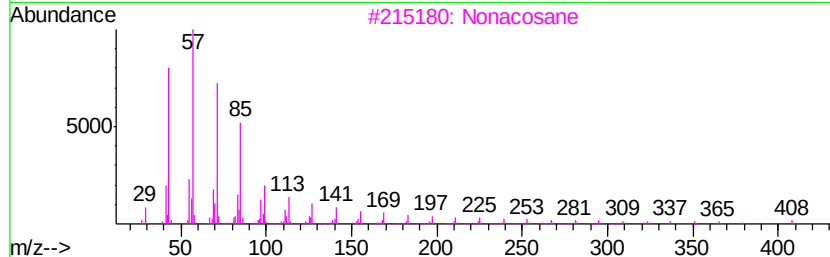
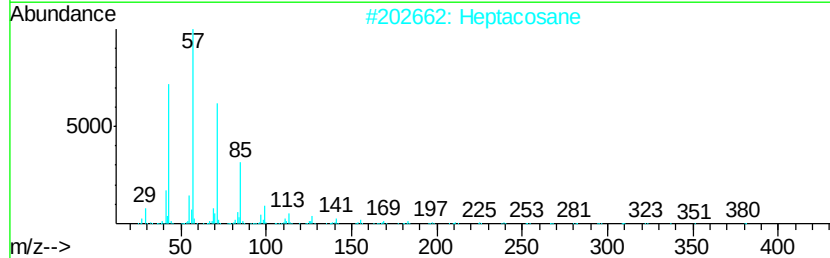
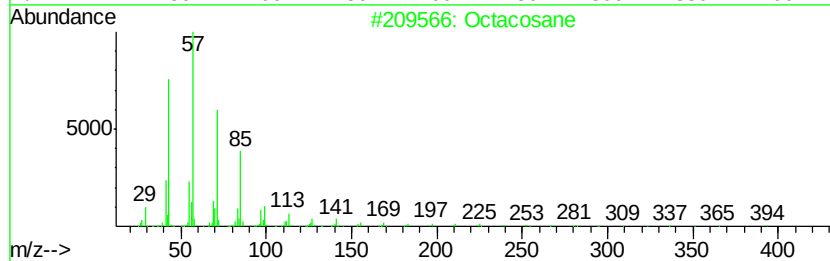
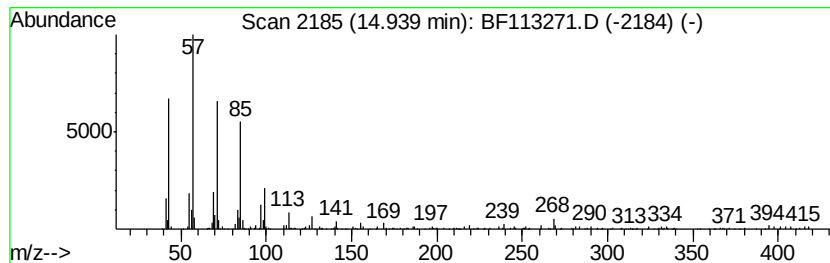
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	8.15 ng	355751	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	96
2		Heptacosane	380	C27H56	000593-49-7	95
3		Nonacosane	408	C29H60	000630-03-5	94
4		Heneicosane	296	C21H44	000629-94-7	90
5		Pentacosane	352	C25H52	000629-99-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
Data File : BF113271.D
Acq On : 24 Mar 2019 16:45
Operator : JU/SJ
Sample : K2078-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-01-005-B

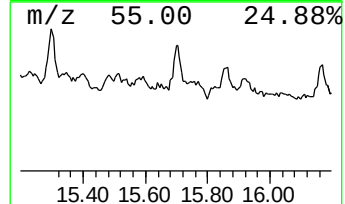
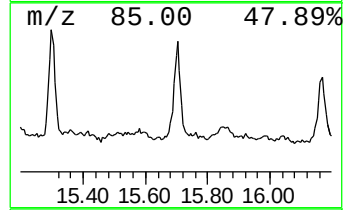
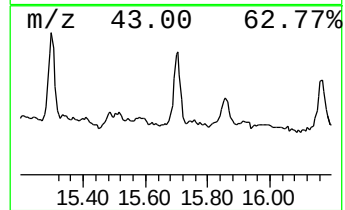
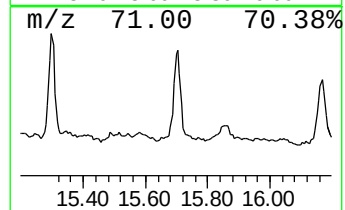
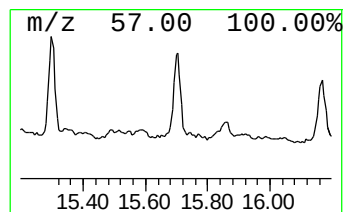
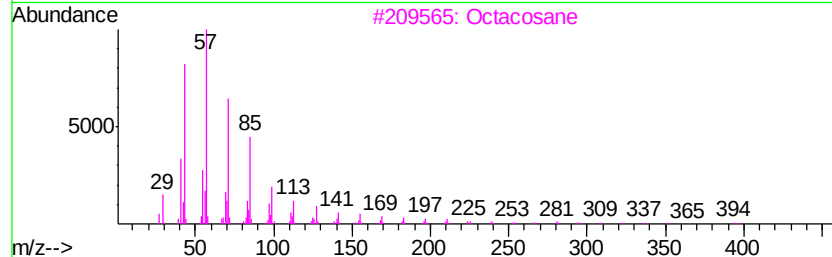
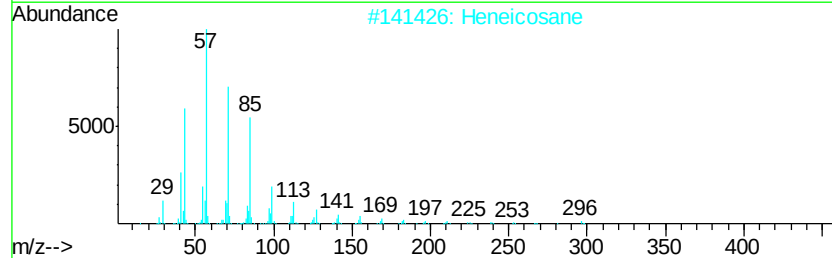
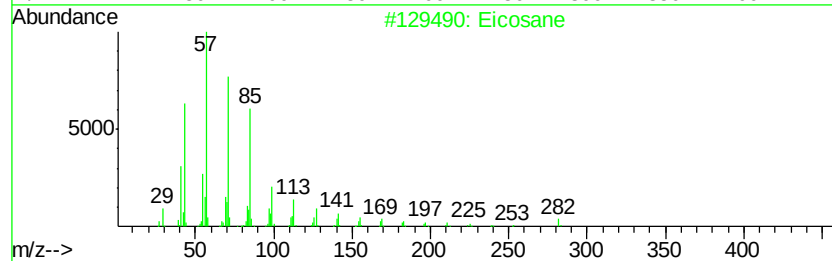
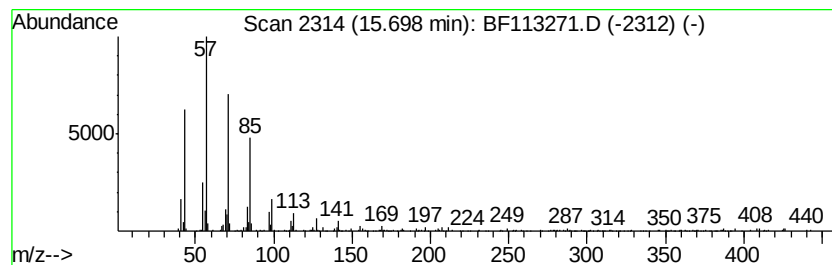
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	7.22 ng	315058	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Heneicosane	296	C21H44	000629-94-7	93
3		Octacosane	394	C28H58	000630-02-4	90
4		Tetracosane	338	C24H50	000646-31-1	87
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032419\
 Data File : BF113271.D
 Acq On : 24 Mar 2019 16:45
 Operator : JU/SJ
 Sample : K2078-03 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-01-005-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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...	4.91	82.9	ng	4004830	1	6.71	966659	20.0
unknown6.48	6.48	14.6	ng	705032	1	6.71	966659	20.0
Tridecane	8.60	4.0	ng	306213	2	8.00	1522460	20.0
Tetradecane	9.16	5.6	ng	385920	3	9.75	1387390	20.0
Decane, 2,3,5-tri...	9.69	5.3	ng	368416	3	9.75	1387390	20.0
Hexadecane	10.19	5.0	ng	348132	3	9.75	1387390	20.0
Tridecane, 1-iodo-	10.40	3.2	ng	220532	3	9.75	1387390	20.0
Heptadecane	10.66	10.3	ng	615555	4	11.23	1191240	20.0
Decane, 5-propyl-	11.10	6.0	ng	355189	4	11.23	1191240	20.0
Hexadecane, 2,6,1...	11.13	3.1	ng	185500	4	11.23	1191240	20.0
Dodecane, 2-methy...	11.53	4.0	ng	237348	4	11.23	1191240	20.0
Anthracene, 1-met...	11.76	2.8	ng	164347	4	11.23	1191240	20.0
Eicosane, 10-methyl-	11.93	3.7	ng	219380	4	11.23	1191240	20.0
9-Octadecenoic ac...	12.33	8.9	ng	530914	4	11.23	1191240	20.0
Eicosane, 7-hexyl-	14.33	2.7	ng	238815	5	13.86	1770600	20.0
2-Bromotetradecane	14.63	6.8	ng	297278	6	15.27	872665	20.0
Phthalic acid, do...	14.80	5.2	ng	228525	6	15.27	872665	20.0
Octacosane	14.94	8.2	ng	355751	6	15.27	872665	20.0
Eicosane	15.70	7.2	ng	315058	6	15.27	872665	20.0