

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102419\
 Data File : BF117518.D
 Acq On : 24 Oct 2019 18:53
 Operator : JU
 Sample : K5499-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 704-04-(0-1)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.710	272	276	284	rBV	9625	16209	1.53%	0.079%
2	5.357	552	556	584	rBV	799501	901870	85.35%	4.408%
3	6.387	727	731	748	rBV	964393	1001250	94.76%	4.894%
4	6.510	748	752	758	rBV	1113319	1020736	96.60%	4.989%
5	6.734	786	790	799	rBV	301546	276002	26.12%	1.349%
6	6.887	813	816	829	rBV	847319	757323	71.67%	3.702%
7	7.298	882	886	899	rBV	642283	609606	57.69%	2.980%
8	8.016	1004	1008	1017	rBV	362578	365729	34.61%	1.788%
9	8.734	1127	1130	1137	rBV2	8408	12314	1.17%	0.060%
10	9.086	1186	1190	1193	rBV	1289947	1056654	100.00%	5.165%
11	9.245	1213	1217	1222	rBV3	23548	28672	2.71%	0.140%
12	9.481	1254	1257	1266	rBV	140835	121482	11.50%	0.594%
13	9.698	1286	1294	1301	rBV2	25742	31389	2.97%	0.153%
14	9.763	1301	1305	1309	rVV	470095	400914	37.94%	1.960%
15	9.798	1309	1311	1314	rVB	23342	19077	1.81%	0.093%
16	9.975	1336	1341	1345	rBV3	13505	15234	1.44%	0.074%
17	10.316	1394	1399	1404	rVB2	17902	20393	1.93%	0.100%
18	10.557	1436	1440	1450	rBV	594076	540552	51.16%	2.642%
19	10.757	1470	1474	1476	rBV	19011	17003	1.61%	0.083%
20	10.863	1485	1492	1494	rBV3	10276	12671	1.20%	0.062%
21	10.922	1500	1502	1509	rVB6	14254	19080	1.81%	0.093%
22	11.116	1530	1535	1538	rBV5	13183	20228	1.91%	0.099%
23	11.151	1538	1541	1545	rVB	15429	16579	1.57%	0.081%
24	11.251	1554	1558	1560	rBV	385294	342090	32.37%	1.672%
25	11.275	1560	1562	1565	rVV	368050	290801	27.52%	1.421%
26	11.328	1569	1571	1574	rVV	70490	60668	5.74%	0.297%
27	11.369	1574	1578	1583	rVB6	9787	19373	1.83%	0.095%
28	11.486	1595	1598	1602	rVV2	24688	32230	3.05%	0.158%
29	11.539	1605	1607	1610	rBV2	22496	17012	1.61%	0.083%
30	11.751	1640	1643	1645	rBV	55805	46061	4.36%	0.225%
31	11.786	1645	1649	1654	rVV	320837	342176	32.38%	1.672%
32	11.827	1654	1656	1659	rVV	38439	43723	4.14%	0.214%
33	11.863	1659	1662	1664	rVV	88977	89645	8.48%	0.438%
34	11.886	1664	1666	1671	rVB	43567	41338	3.91%	0.202%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.945	1673	1676	1681	rVV2	28261	33603	3.18%	0.164%
36	12.045	1690	1693	1696	rBV	41793	34596	3.27%	0.169%
37	12.086	1697	1700	1703	rVV	27224	26047	2.47%	0.127%
38	12.192	1713	1718	1720	rBV2	38839	46945	4.44%	0.229%
39	12.227	1722	1724	1726	rVB	18220	14077	1.33%	0.069%
40	12.251	1726	1728	1732	rBV4	15822	17398	1.65%	0.085%
41	12.304	1733	1737	1739	rBV	47825	54201	5.13%	0.265%
42	12.333	1739	1742	1745	rVV2	65226	71258	6.74%	0.348%
43	12.398	1749	1753	1756	rVB3	31749	46443	4.40%	0.227%
44	12.469	1761	1765	1768	rBV	629100	592563	56.08%	2.896%
45	12.492	1768	1769	1774	rVV5	29433	41672	3.94%	0.204%
46	12.569	1778	1782	1787	rBV	161878	190310	18.01%	0.930%
47	12.616	1787	1790	1792	rVB2	33202	36342	3.44%	0.178%
48	12.692	1798	1803	1809	rVB	535558	633075	59.91%	3.094%
49	12.745	1810	1812	1818	rVB2	35512	42403	4.01%	0.207%
50	12.833	1821	1827	1830	rBV	834403	731268	69.21%	3.574%
51	12.857	1830	1831	1835	rVB4	20152	17466	1.65%	0.085%
52	12.910	1836	1840	1844	rBV2	41677	78217	7.40%	0.382%
53	13.022	1857	1859	1861	rVB	59769	44189	4.18%	0.216%
54	13.063	1861	1866	1868	rBV3	72812	83128	7.87%	0.406%
55	13.086	1868	1870	1874	rBV2	32662	34284	3.24%	0.168%
56	13.127	1874	1877	1881	rBV2	54190	65265	6.18%	0.319%
57	13.174	1883	1885	1889	rVB4	85781	76615	7.25%	0.374%
58	13.222	1890	1893	1896	rBV2	39281	41454	3.92%	0.203%
59	13.251	1896	1898	1900	rBV	32425	29533	2.79%	0.144%
60	13.404	1921	1924	1927	rBV	51335	46334	4.38%	0.226%
61	13.522	1940	1944	1950	rVB2	571852	522597	49.46%	2.554%
62	13.645	1963	1965	1967	rBV2	32347	33074	3.13%	0.162%
63	13.669	1967	1969	1971	rVV	63219	56138	5.31%	0.274%
64	13.698	1971	1974	1976	rVV	41026	43896	4.15%	0.215%
65	13.733	1976	1980	1986	rVV2	639510	852616	80.69%	4.167%
66	13.780	1986	1988	1992	rVB	424137	359268	34.00%	1.756%
67	13.851	1997	2000	2002	rBV2	76564	84579	8.00%	0.413%
68	13.892	2003	2007	2010	rVV2	399673	608496	57.59%	2.974%
69	13.921	2010	2012	2015	rVV	311364	252543	23.90%	1.234%
70	13.951	2015	2017	2021	rVV3	98612	85187	8.06%	0.416%
71	14.004	2023	2026	2032	rVB3	93844	159018	15.05%	0.777%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	14.169	2051	2054	2060	rVB	229413	215563	20.40%	1.054%
73	14.368	2083	2088	2093	rBV	512576	859899	81.38%	4.203%
74	14.410	2093	2095	2101	rVB	301883	270804	25.63%	1.324%
75	14.574	2120	2123	2125	rBV2	176250	199414	18.87%	0.975%
76	14.739	2149	2151	2155	rVV2	78575	97112	9.19%	0.475%
77	14.786	2157	2159	2163	rVB	127218	116264	11.00%	0.568%
78	14.921	2179	2182	2185	rBV	262740	364330	34.48%	1.781%
79	14.968	2188	2190	2193	rVB	175386	156946	14.85%	0.767%
80	15.004	2193	2196	2201	rBV2	334306	511853	48.44%	2.502%
81	15.210	2228	2231	2235	rBV	195774	244219	23.11%	1.194%
82	15.263	2235	2240	2248	rVV2	331073	726545	68.76%	3.551%
83	15.333	2248	2252	2255	rVV	228707	267446	25.31%	1.307%
84	15.515	2279	2283	2288	rBV3	84288	120727	11.43%	0.590%
85	15.733	2316	2320	2325	rVB	138522	190196	18.00%	0.930%
86	15.798	2327	2331	2337	rBV2	154466	262089	24.80%	1.281%
87	16.751	2488	2493	2499	rVB	170275	323196	30.59%	1.580%
88	17.180	2560	2566	2572	rBV2	85885	176783	16.73%	0.864%
89	17.262	2576	2580	2592	rVB2	59325	171019	16.18%	0.836%
90	17.398	2597	2603	2615	rVB4	144087	393147	37.21%	1.922%

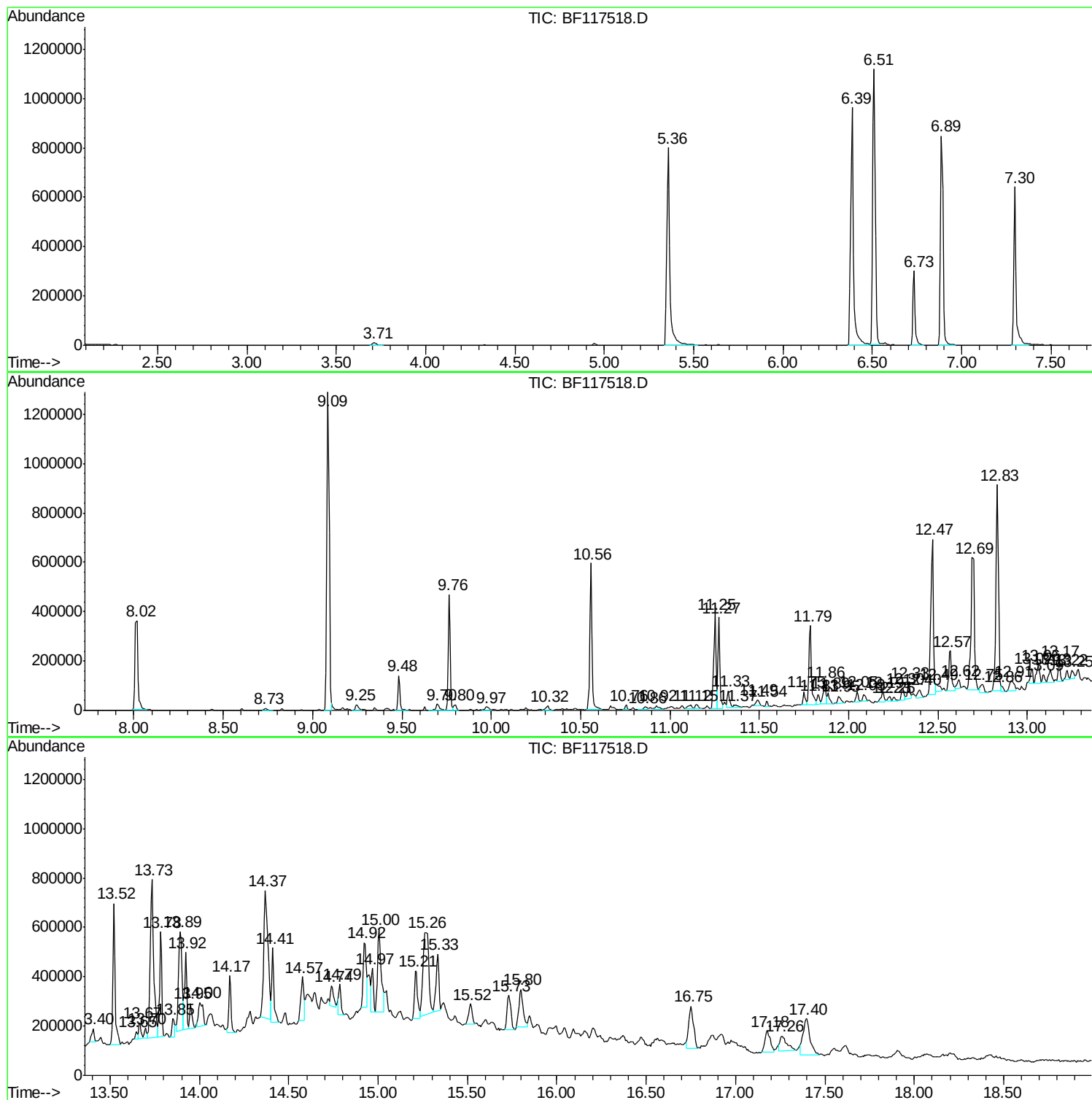
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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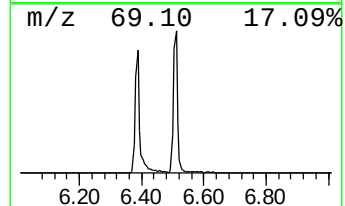
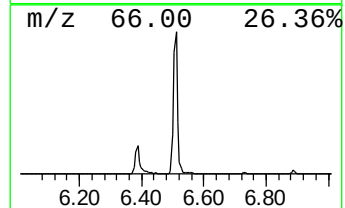
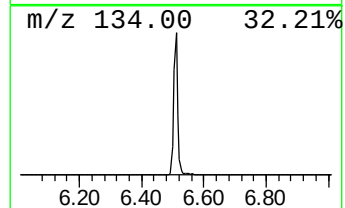
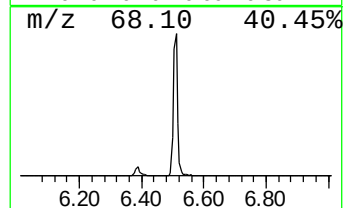
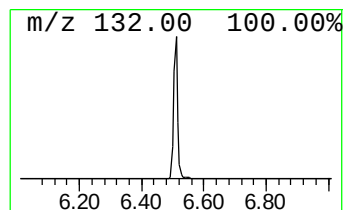
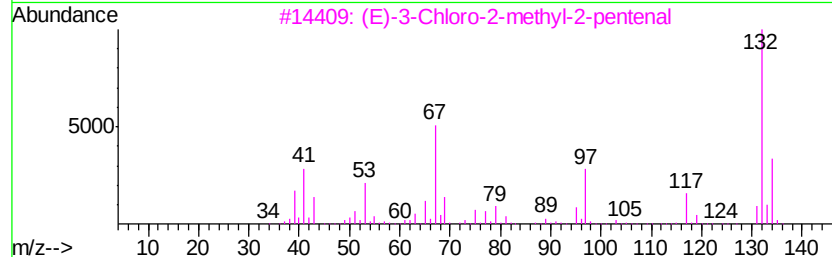
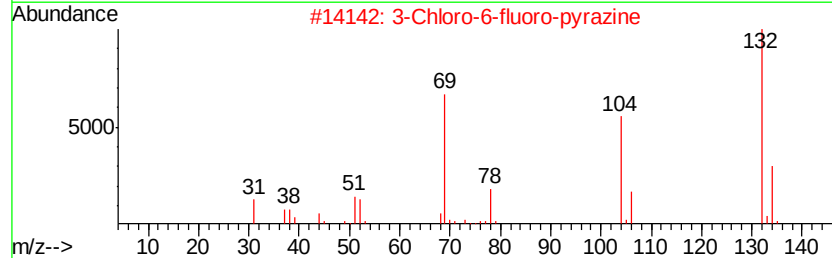
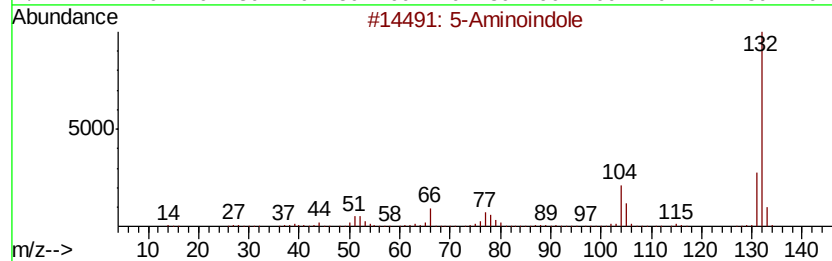
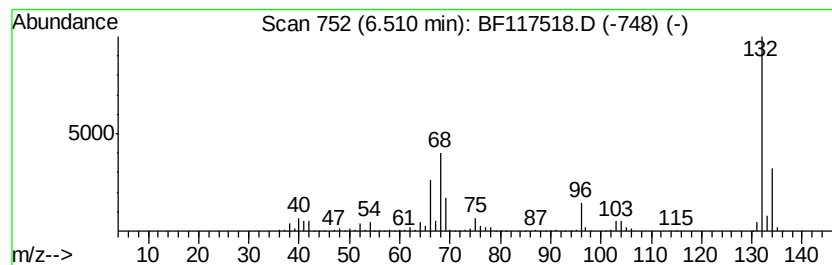
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	73.97 ng	1020740	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	22
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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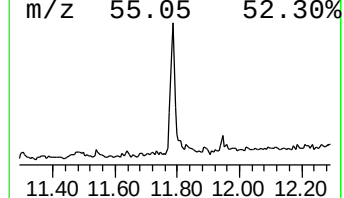
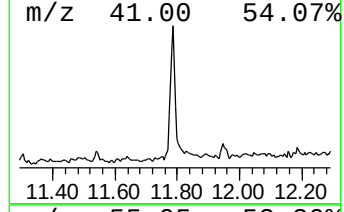
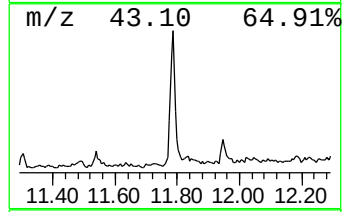
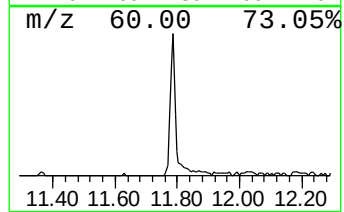
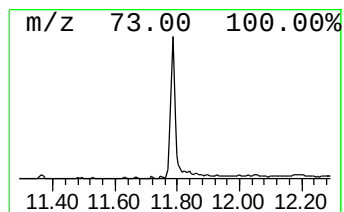
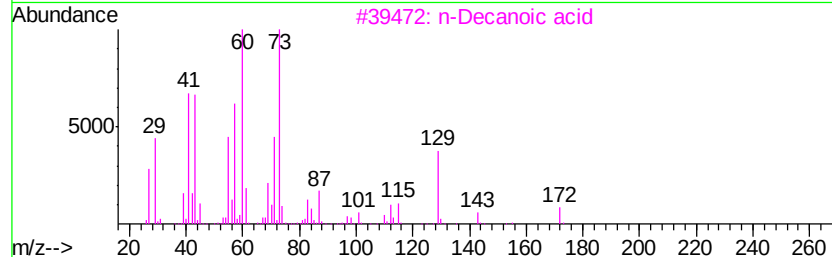
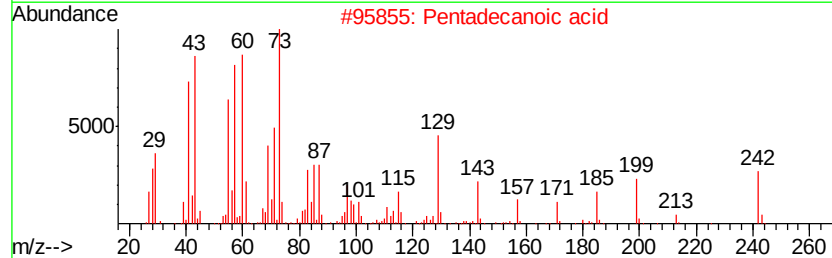
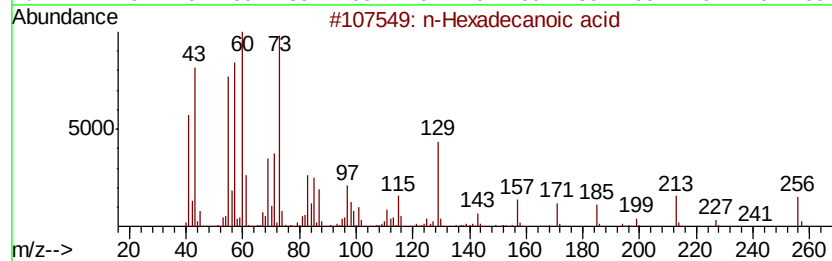
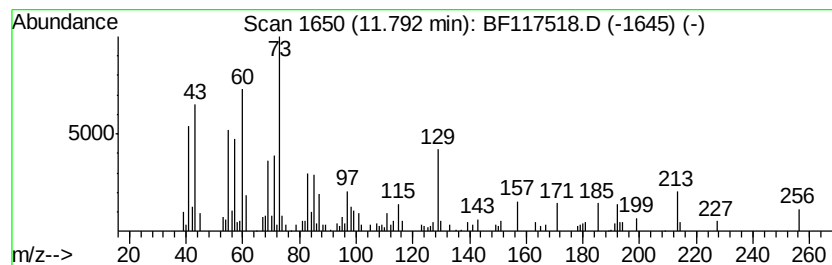
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	20.01 ng	342176	Phenanthrene-d10	11.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242 C15H30O2	001002-84-2	62
3	n-Decanoic acid	172 C10H20O2	000334-48-5	58
4	Tridecanoic acid	214 C13H26O2	000638-53-9	58
5	2-Butenoic acid, 2-methoxy-3-met...	144 C7H12O3	056009-32-6	25



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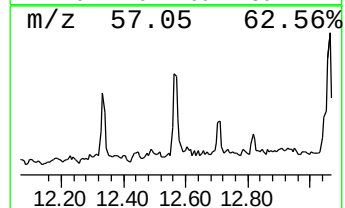
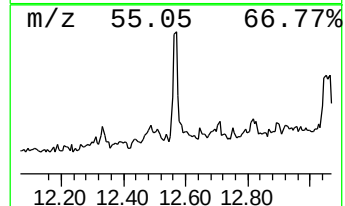
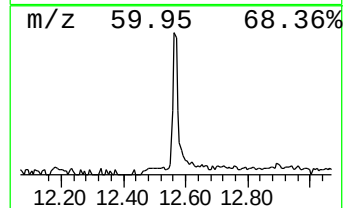
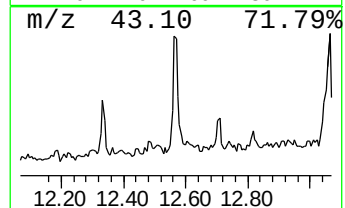
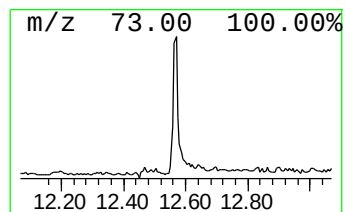
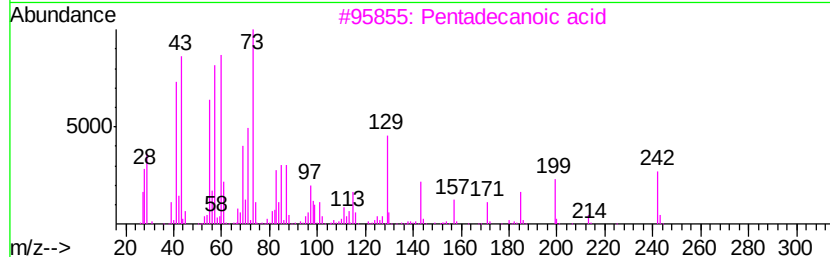
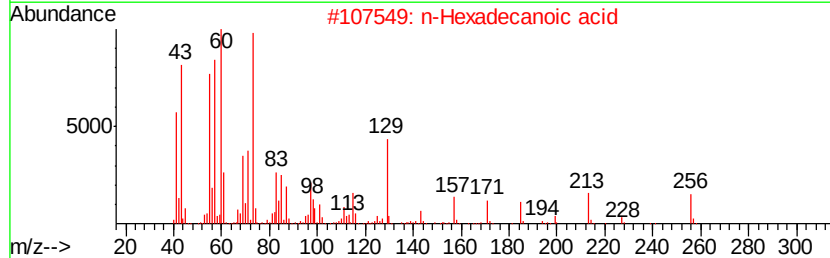
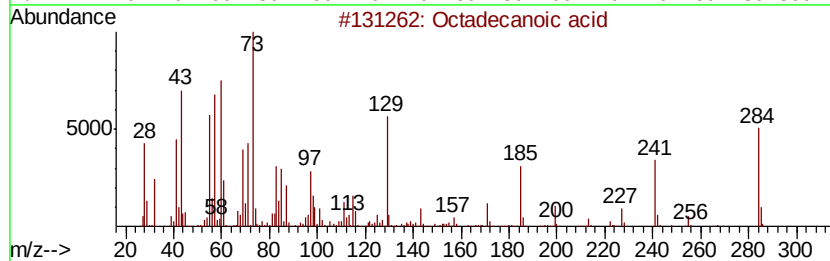
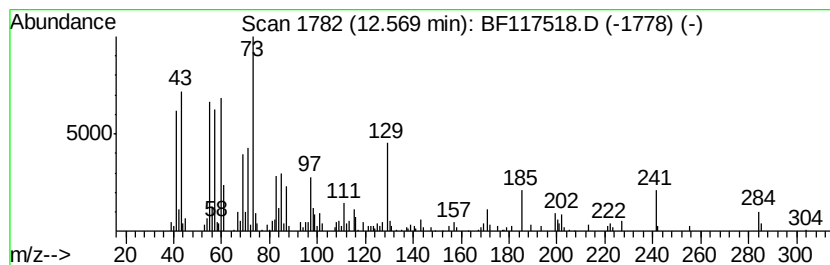
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	11.13 ng	190310	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4		n-Decanoic acid	172	C10H20O2	000334-48-5	58
5		Dodecanoic acid	200	C12H24O2	000143-07-7	30



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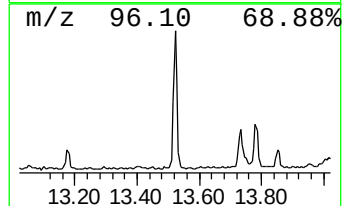
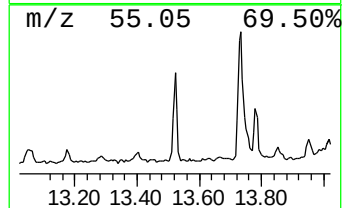
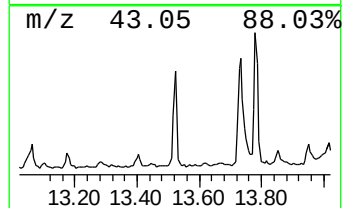
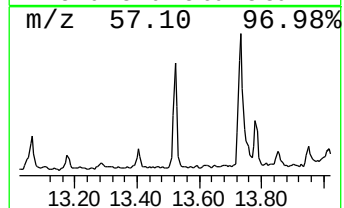
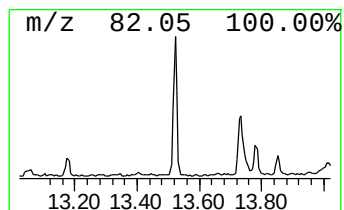
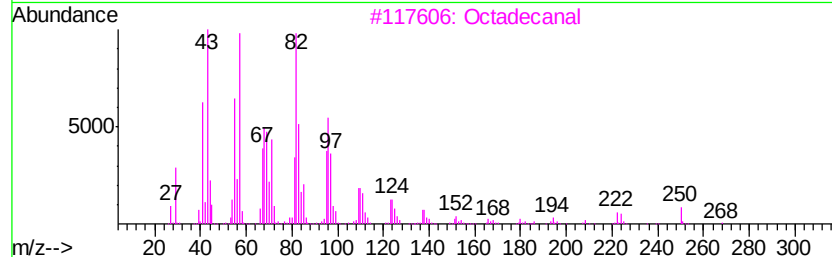
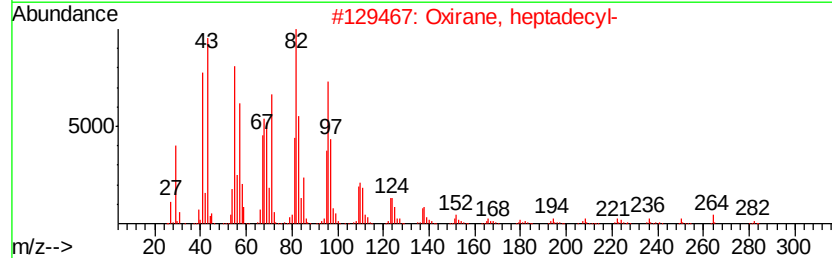
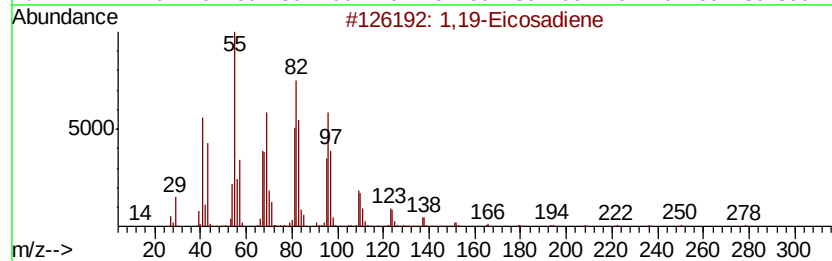
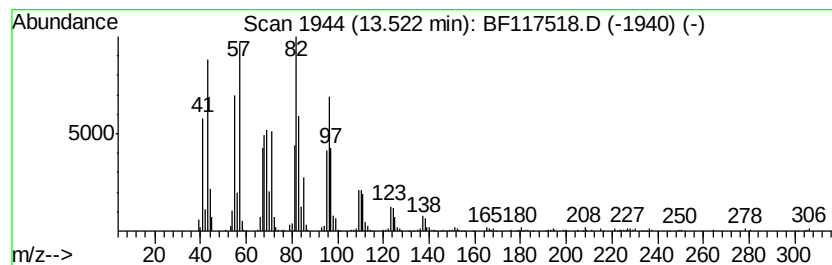
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1,19-Eicosadiene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.52	17.18 ng	522597	Chrysene-d12		13.90		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,19-Eicosadiene	278	C20H38	014811-95-1	94
2			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
3			Octadecanal	268	C18H36O	000638-66-4	91
4			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5			Oxirane, tetradecyl-	240	C16H32O	007320-37-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117518.D
Acq On : 24 Oct 2019 18:53
Operator : JU
Sample : K5499-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

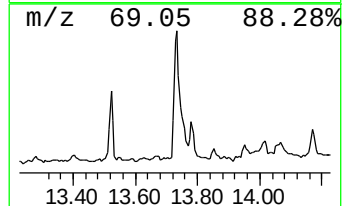
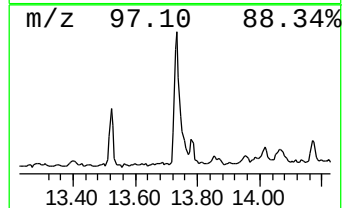
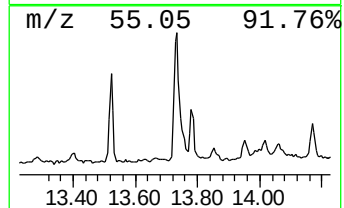
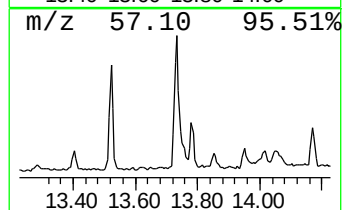
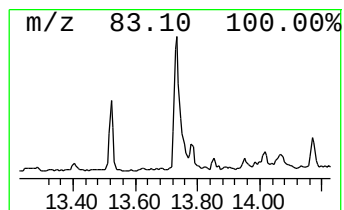
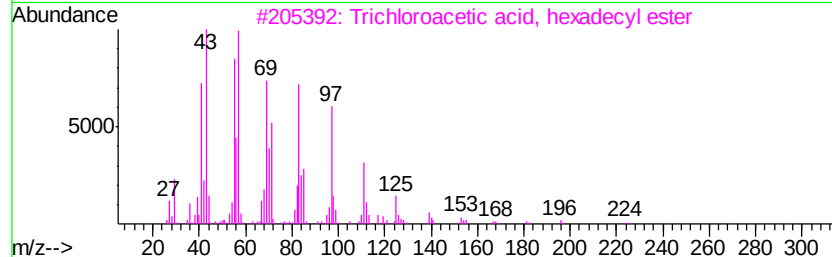
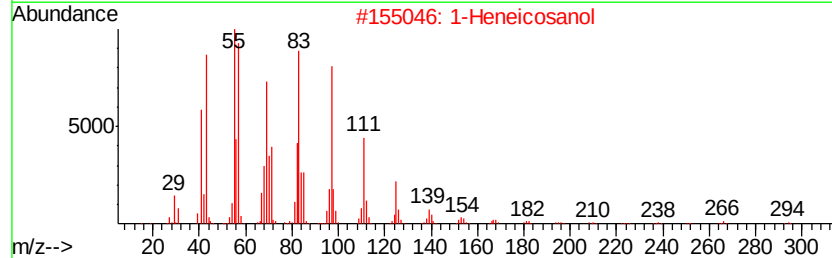
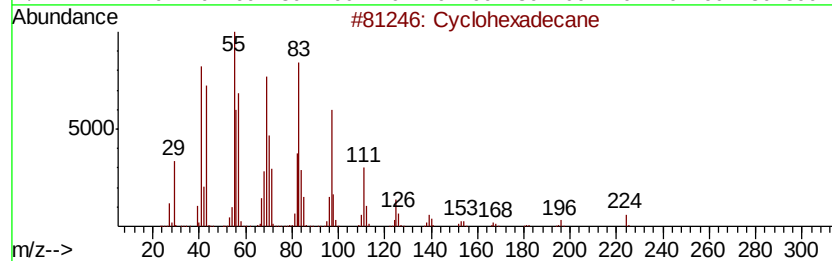
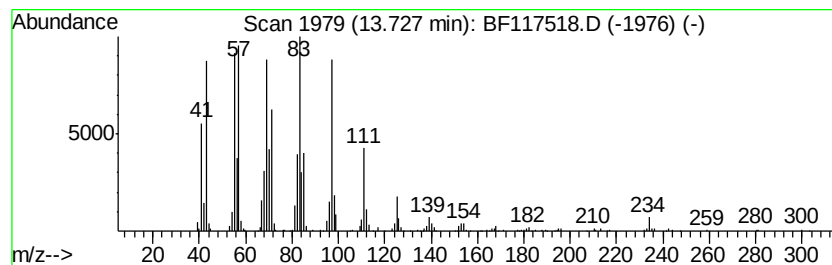
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	28.02 ng	852616	Chrysene-d12	13.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane	224 C16H32	000295-65-8 93
2		1-Heneicosanol	312 C21H44O	015594-90-8 93
3		Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1 91
4		n-Nonadecanol-1	284 C19H40O	001454-84-8 90
5		Behenic alcohol	326 C22H46O	000661-19-8 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
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Acq On : 24 Oct 2019 18:53
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Sample : K5499-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

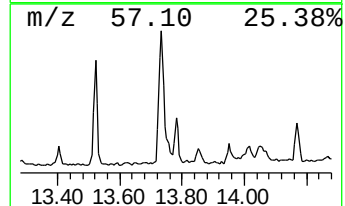
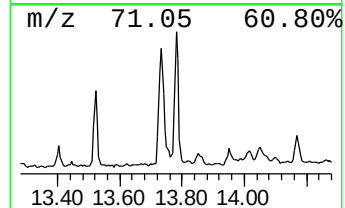
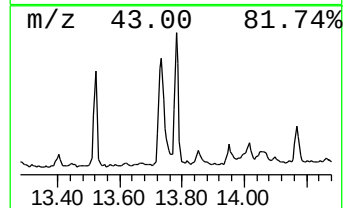
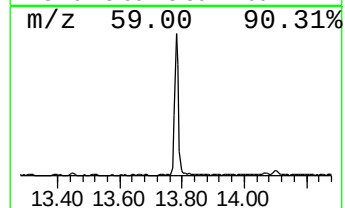
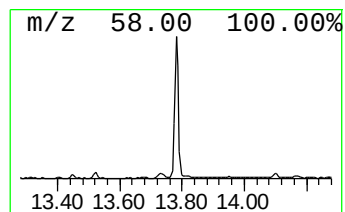
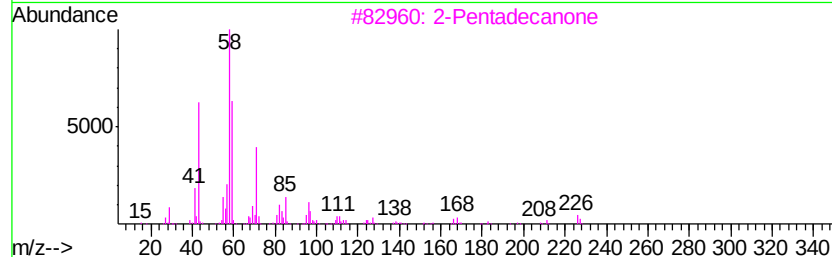
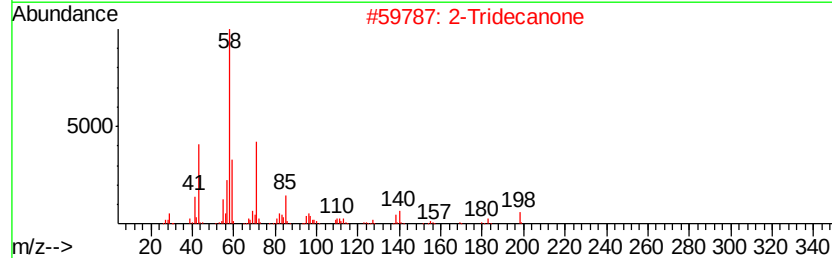
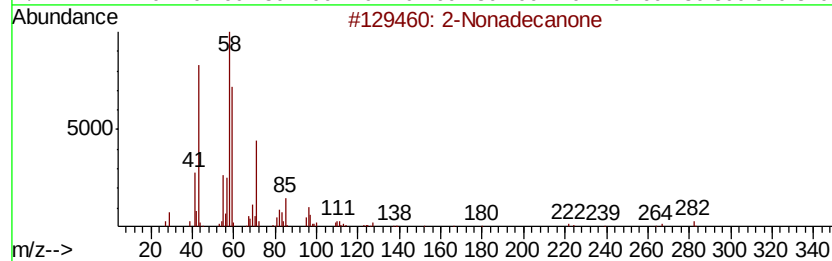
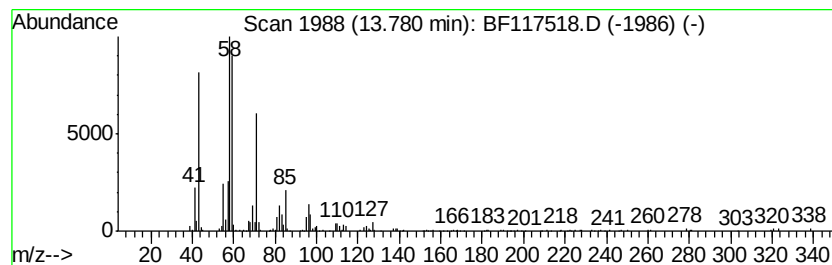
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-Nonadecanone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.78	11.81 ng	359268	Chrysene-d12		13.90		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2		Nonadecanone	282	C19H38O	000629-66-3	90
2	2		Tridecanone	198	C13H26O	000593-08-8	53
3	2		Pentadecanone	226	C15H30O	002345-28-0	50
4			Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	38
5			Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117518.D
Acq On : 24 Oct 2019 18:53
Operator : JU
Sample : K5499-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

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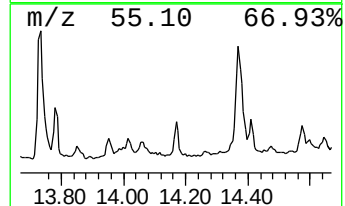
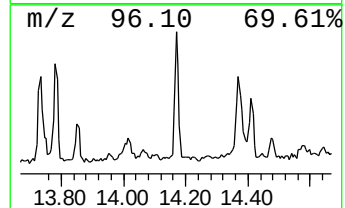
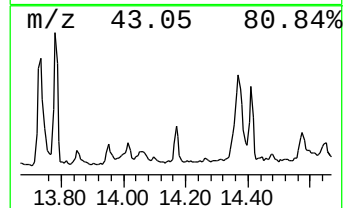
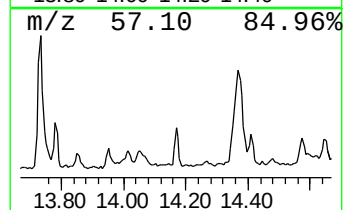
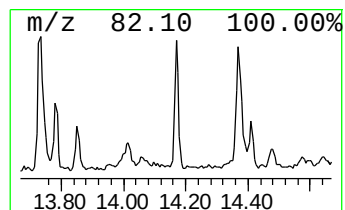
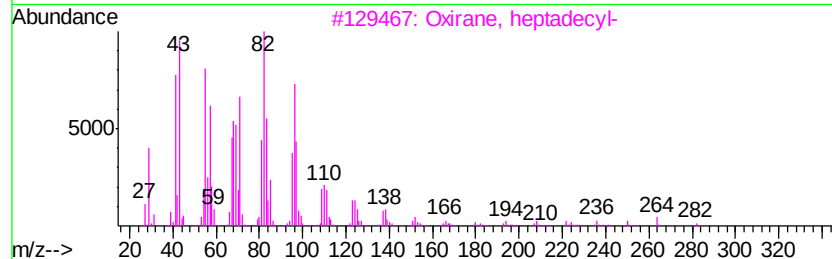
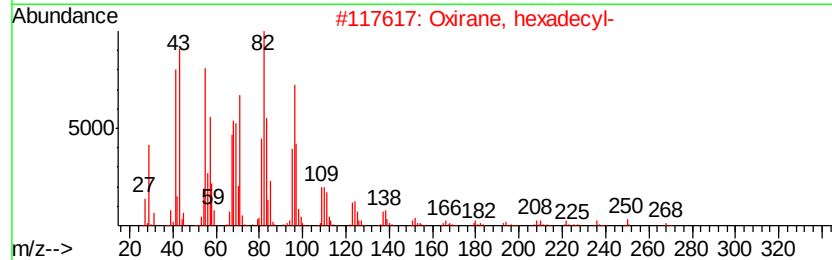
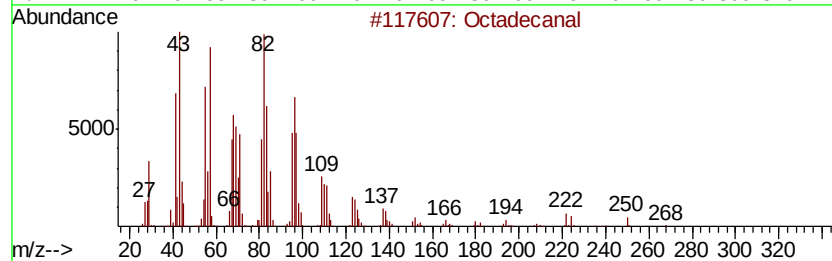
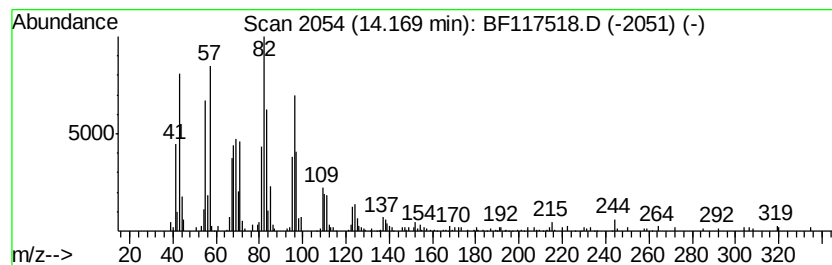
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanal Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	7.09 ng	215563	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	91
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4		Hexadecanal	240	C16H32O	000629-80-1	90
5		18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
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Acq On : 24 Oct 2019 18:53
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Misc :
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Instrument :
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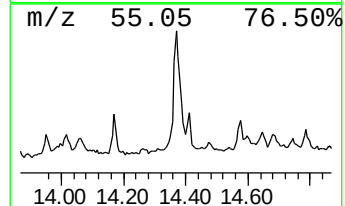
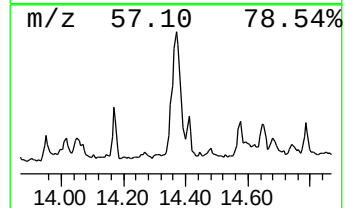
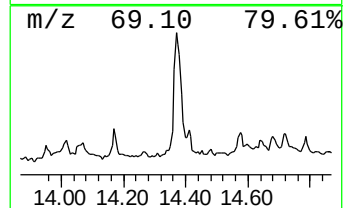
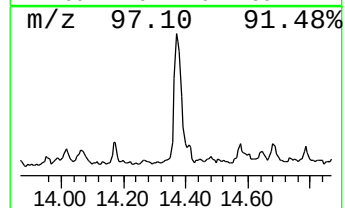
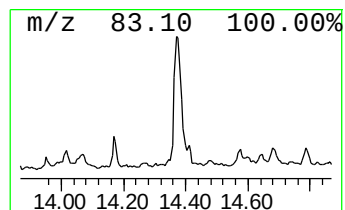
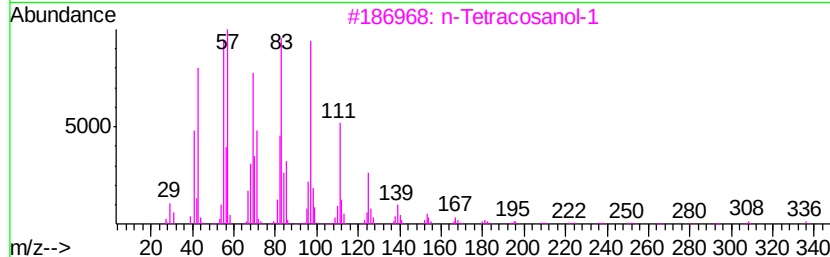
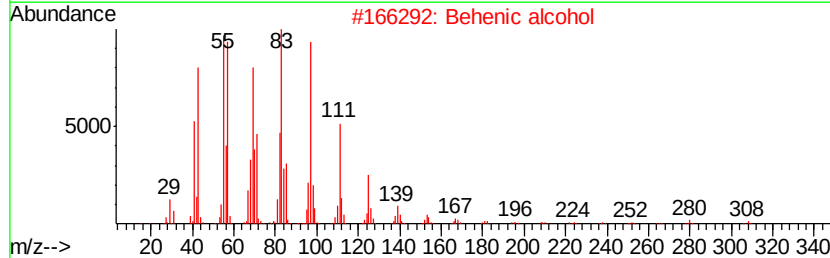
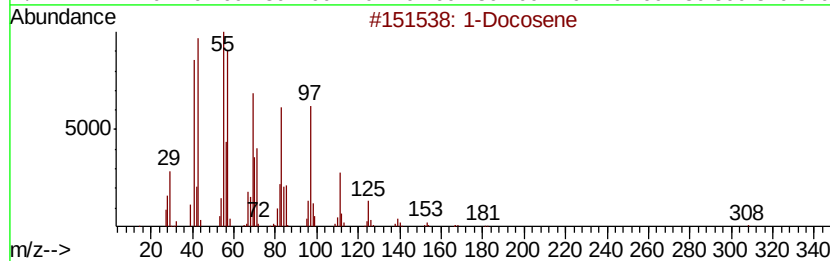
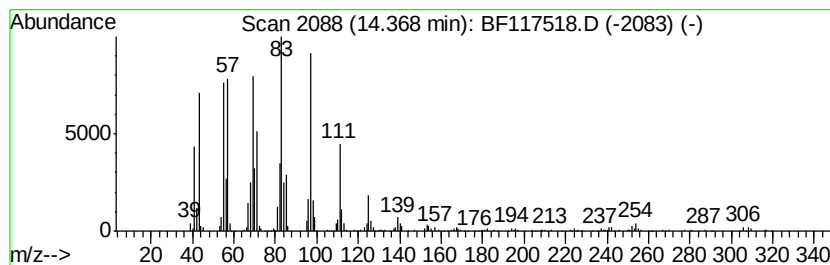
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	28.26 ng	859899	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	95
2		Behenic alcohol	326	C22H46O	000661-19-8	93
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	90
5		1-Heneicosanol	312	C21H44O	015594-90-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
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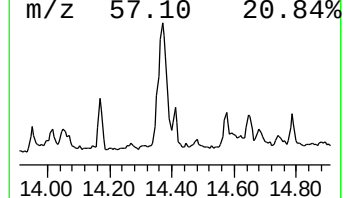
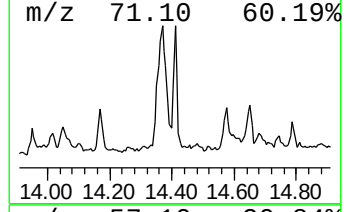
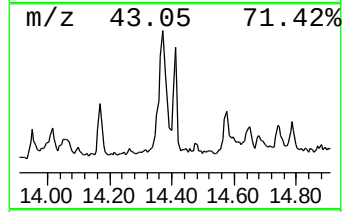
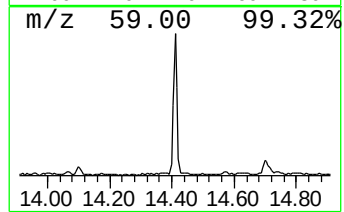
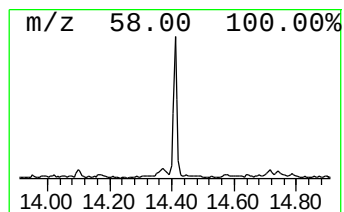
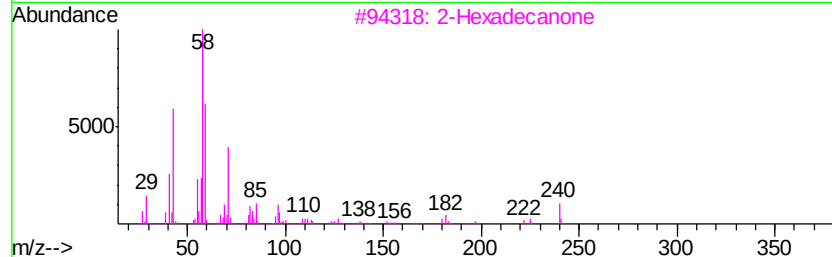
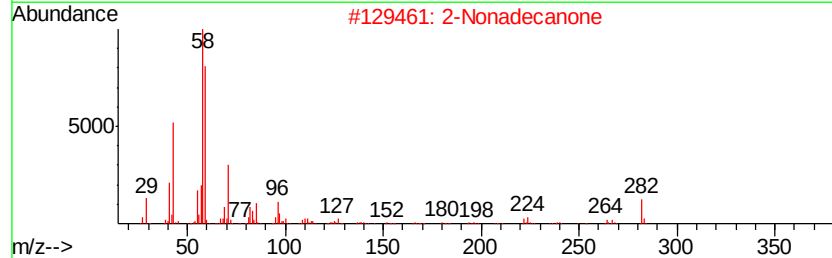
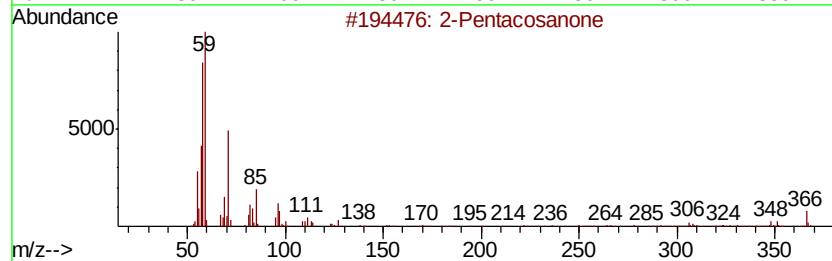
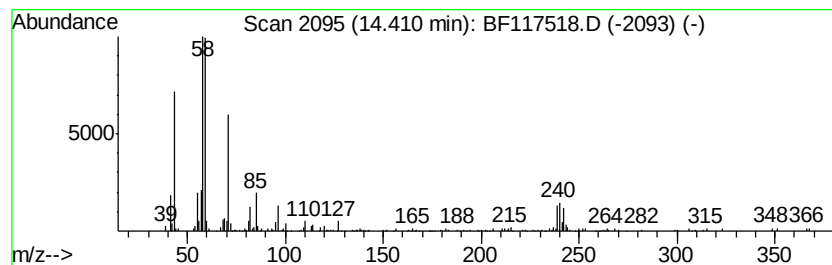
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2-Pentacosanone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	8.90 ng	270804	Chrysene-d12	13.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentacosanone	366	C25H50O	075207-54-4	83
2			2-Nonadecanone	282	C19H38O	000629-66-3	59
3			2-Hexadecanone	240	C16H32O	018787-63-8	49
4			2-Pentadecanone	226	C15H30O	002345-28-0	47
5			Methyl n-hexadecyl ketone	268	C18H36O	007373-13-9	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117518.D
Acq On : 24 Oct 2019 18:53
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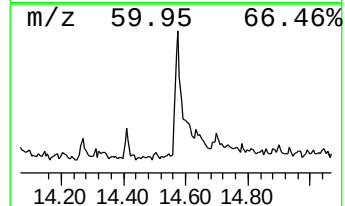
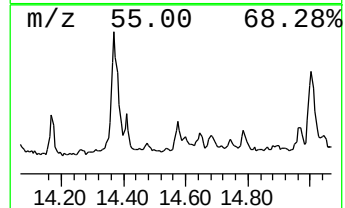
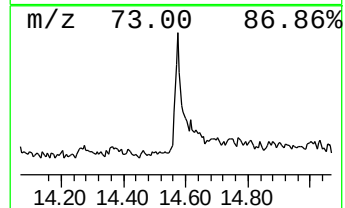
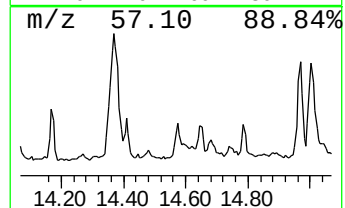
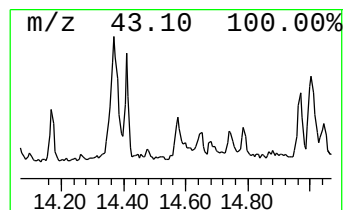
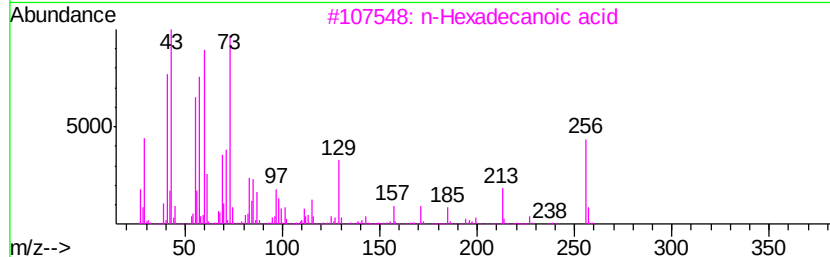
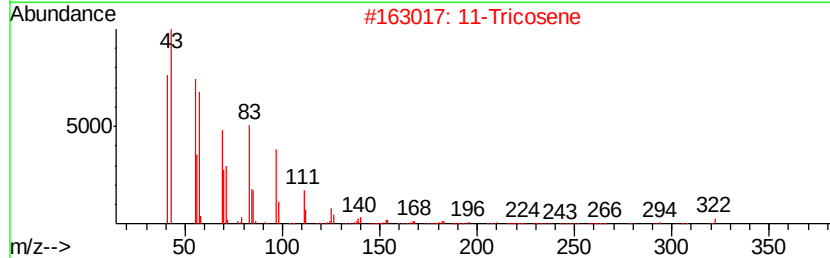
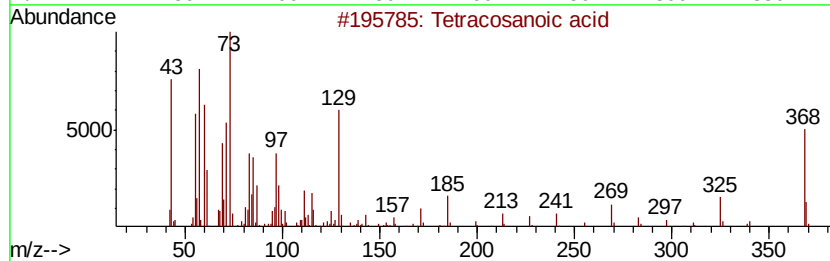
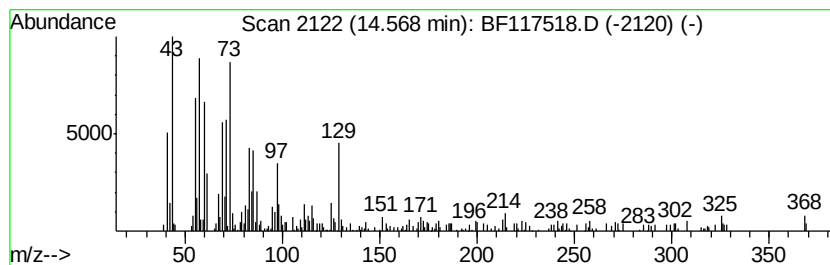
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetracosanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	6.55 ng	199414	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosanoic acid	368	C24H48O2	000557-59-5	99
2		11-Tricosene	322	C23H46	052078-56-5	51
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46
4		Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	42
5		n-Decanoic acid	172	C10H20O2	000334-48-5	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117518.D
Acq On : 24 Oct 2019 18:53
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
704-04-(0-1)

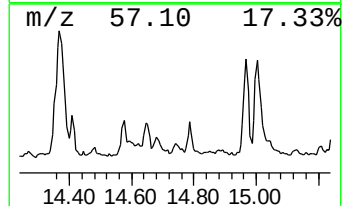
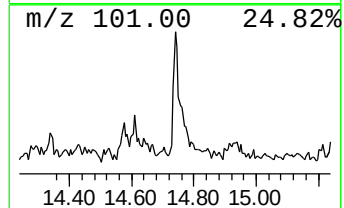
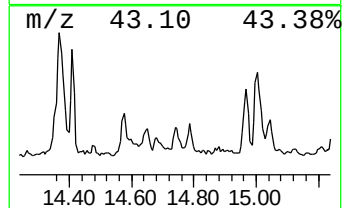
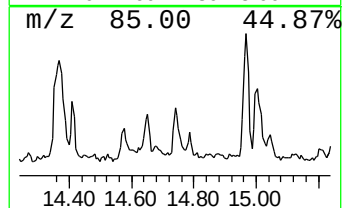
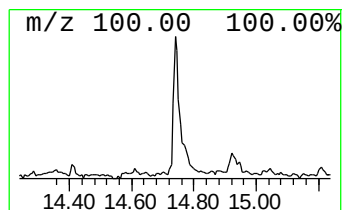
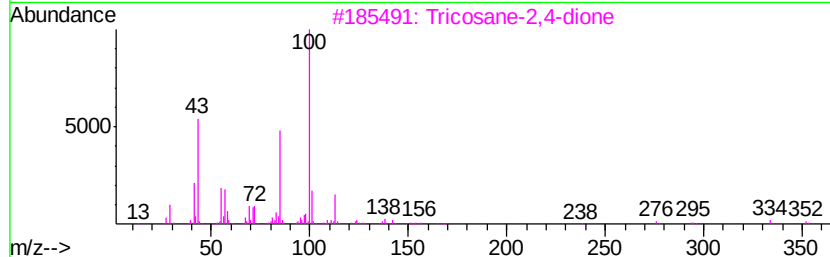
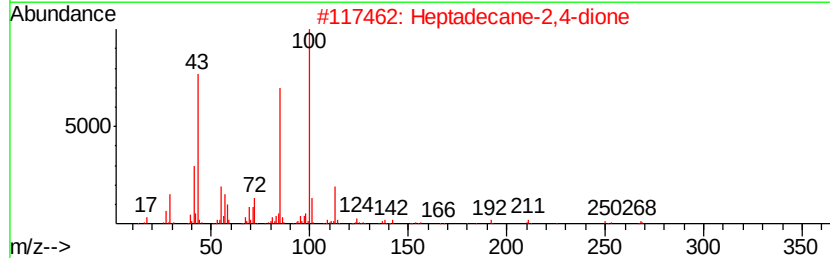
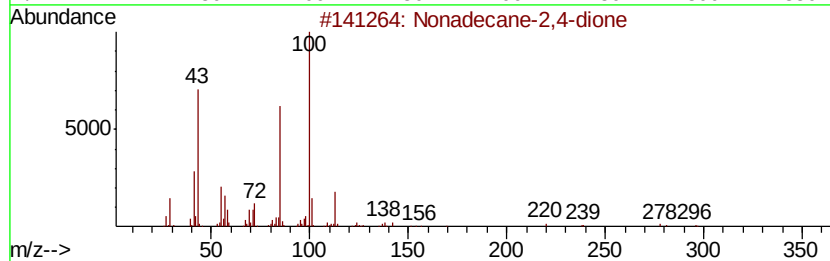
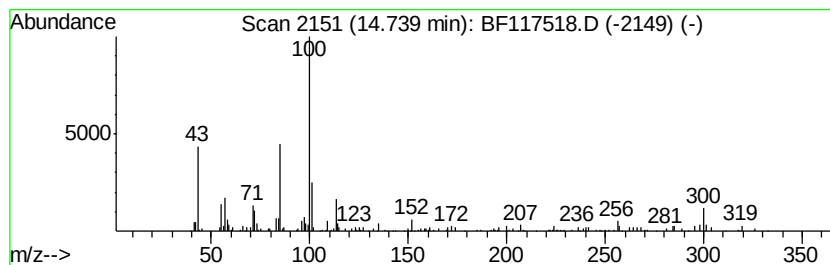
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane-2,4-dione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	7.26 ng	97112	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane-2,4-dione	296	C19H36O2	016577-69-8	64
2		Heptadecane-2,4-dione	268	C17H32O2	064042-18-8	64
3		Tricosane-2,4-dione	352	C23H44O2	065351-36-2	64
4		Pentadecane-2,4-dione	240	C15H28O2	053759-23-2	46
5		2,5-Pyrrolidinedione, 1-propyl-	141	C7H11NO2	003470-97-1	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117518.D
Acq On : 24 Oct 2019 18:53
Operator : JU
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Misc :
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Instrument :
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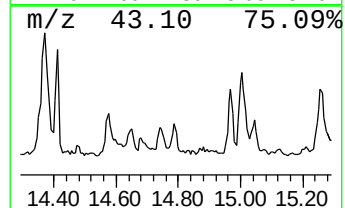
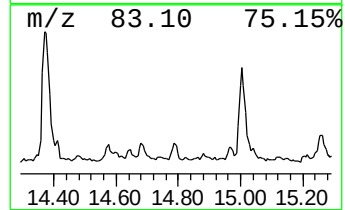
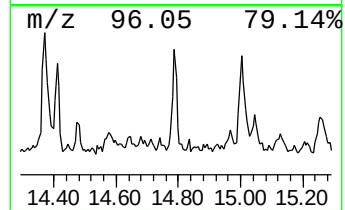
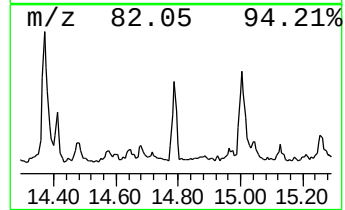
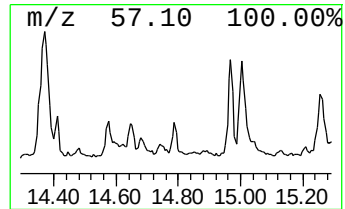
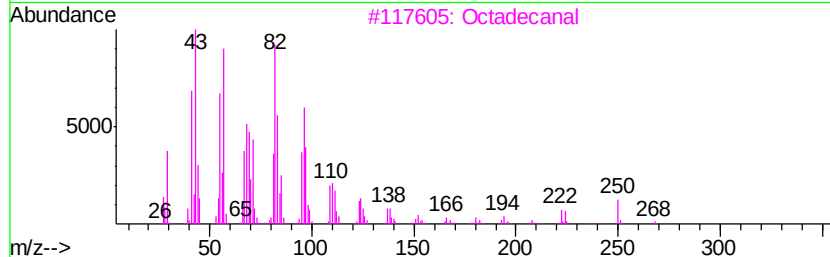
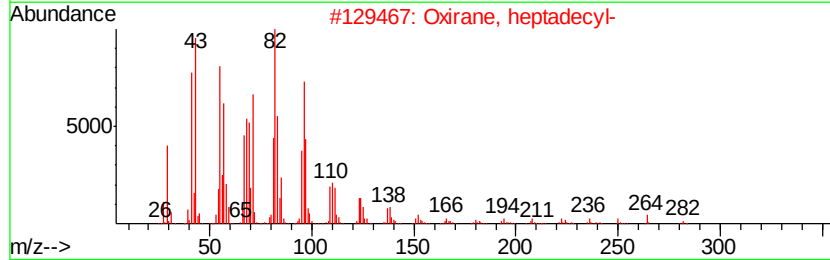
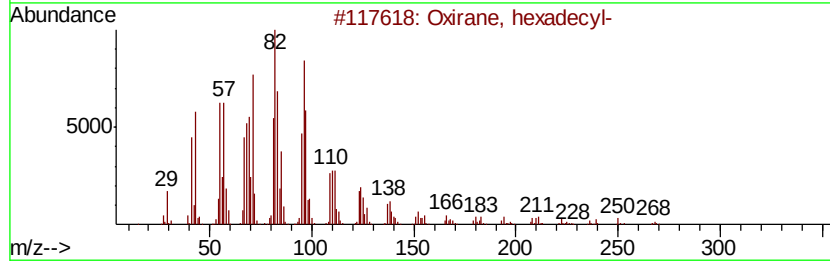
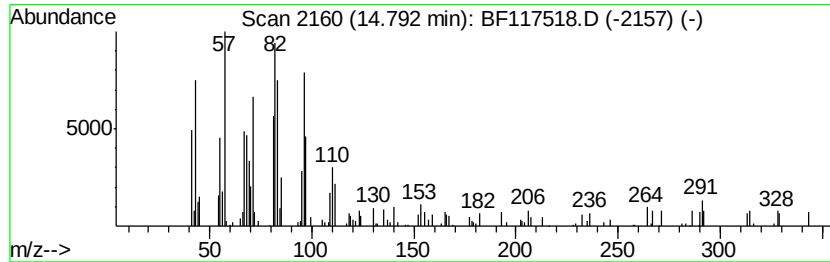
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Oxirane, hexadecyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	8.69 ng	116264	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3		Octadecanal	268	C18H36O	000638-66-4	91
4		Pentadecanal-	226	C15H30O	002765-11-9	74
5		1,19-Eicosadiene	278	C20H38	014811-95-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117518.D
Acq On : 24 Oct 2019 18:53
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Misc :
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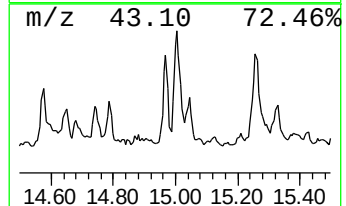
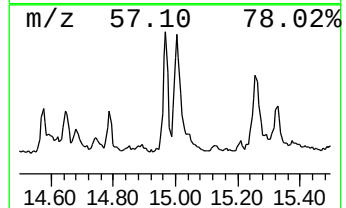
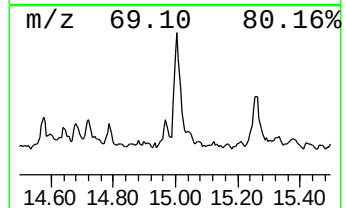
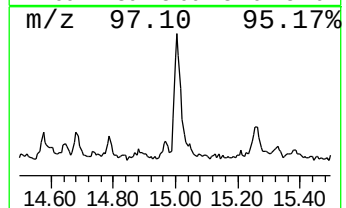
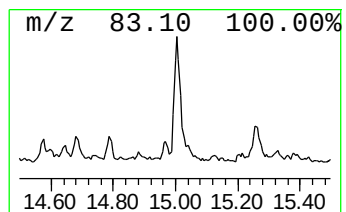
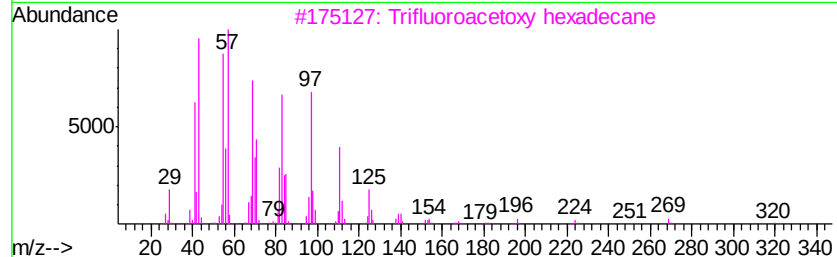
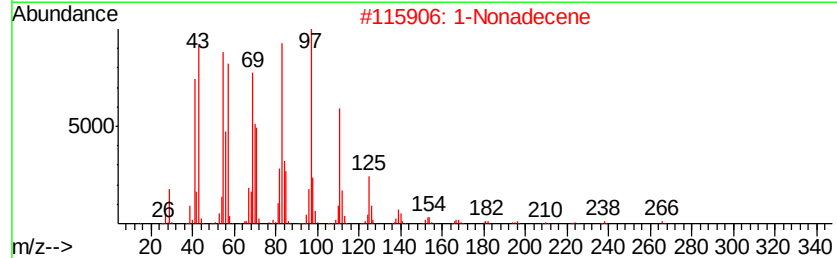
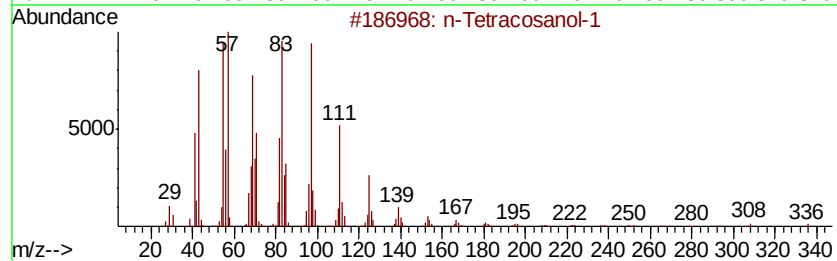
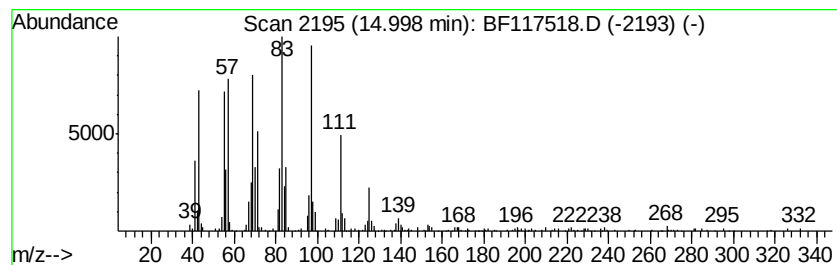
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.00	38.28 ng	511853	Perylene-d12	15.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
2	1-Nonadecene	266	C19H38	018435-45-5	90
3	Trifluoroacetoxv hexadecane	338	C18H33F3O2	006222-03-3	86
4	1-Heptacosanol	396	C27H56O	002004-39-9	86
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117518.D
Acq On : 24 Oct 2019 18:53
Operator : JU
Sample : K5499-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

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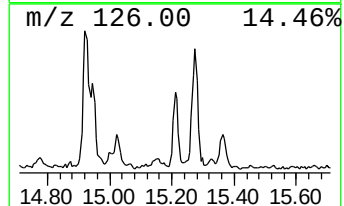
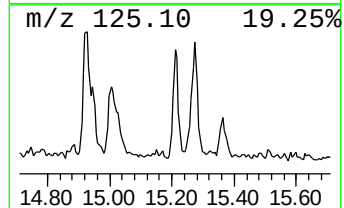
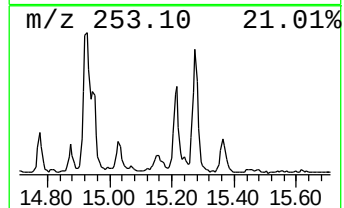
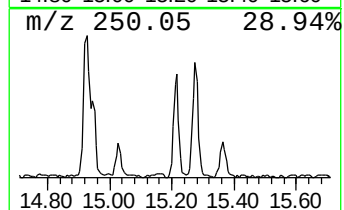
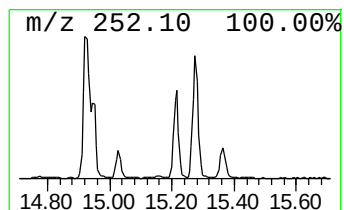
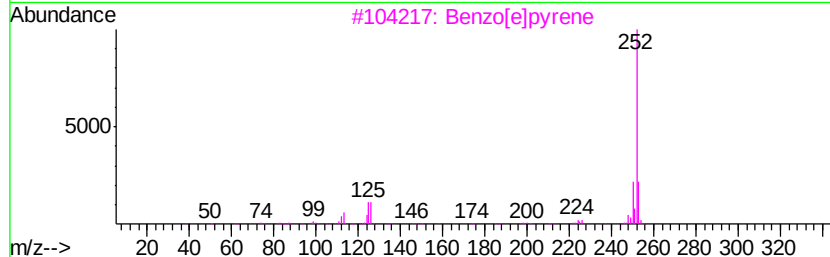
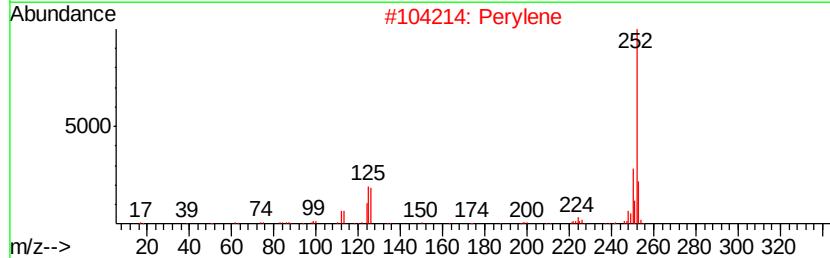
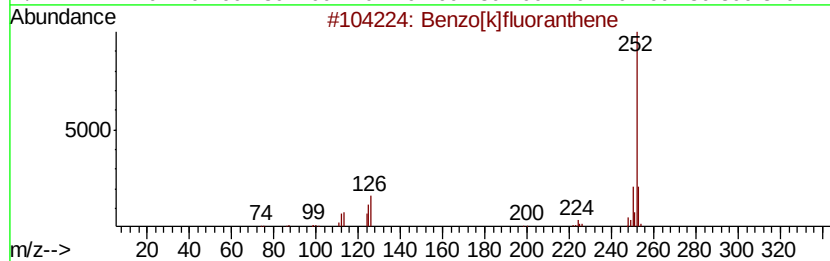
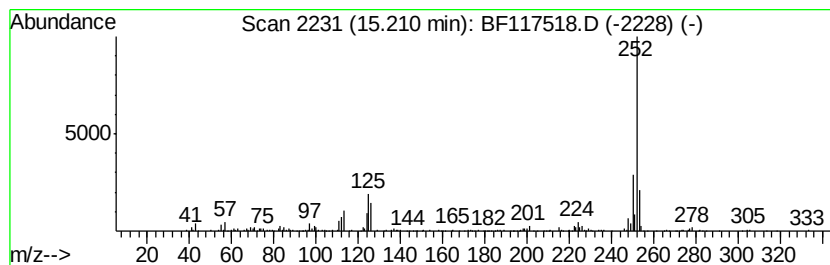
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Perylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	18.26 ng	244219	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2		Perylene	252	C20H12	000198-55-0	96
3		Benzo[e]pyrene	252	C20H12	000192-97-2	96
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
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Misc :
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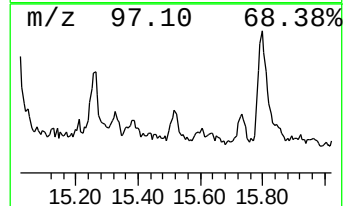
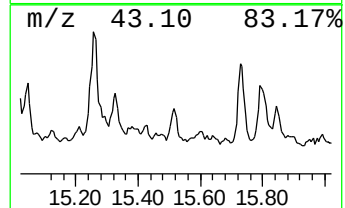
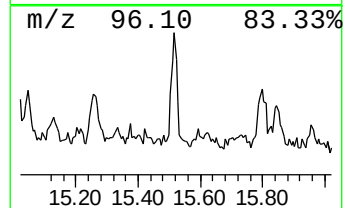
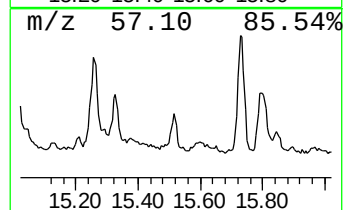
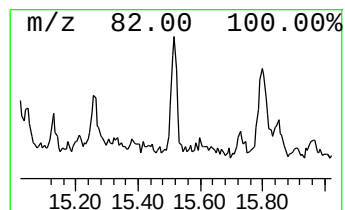
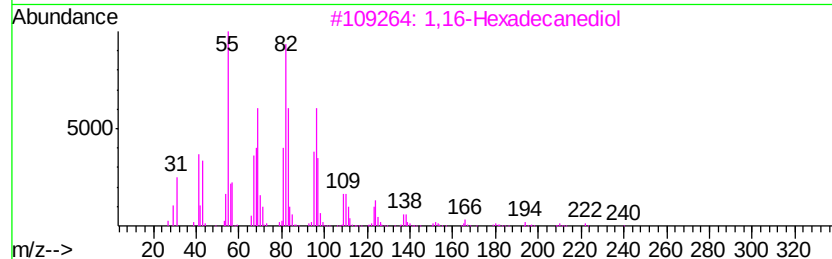
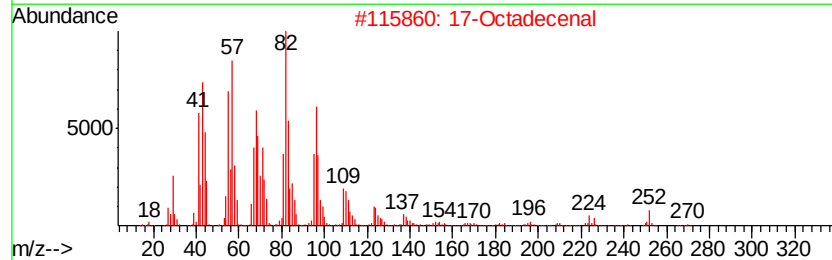
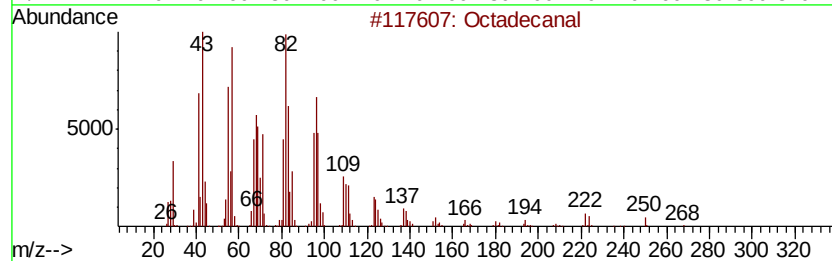
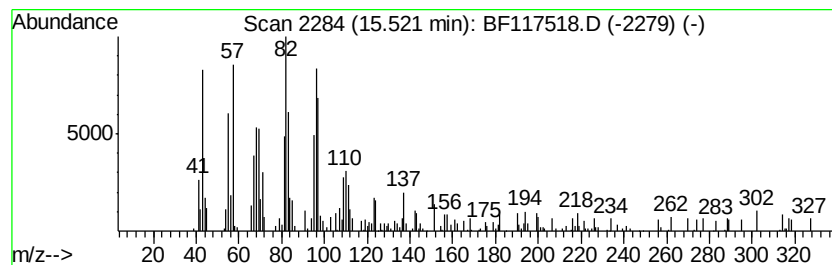
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 17-Octadecenal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.52	9.03 ng	120727	Perylene-d12		15.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	17-Octadecenal	266	C18H34O	056554-86-0	90
3	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	80
4	Hexadecanal	240	C16H32O	000629-80-1	78
5	1,19-Eicosadiene	278	C20H38	014811-95-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
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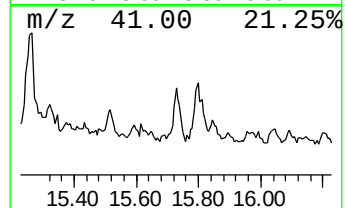
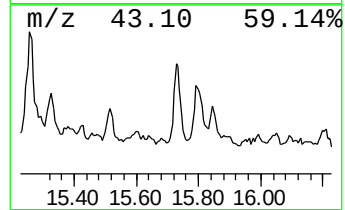
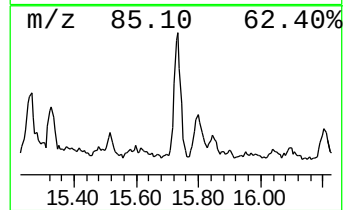
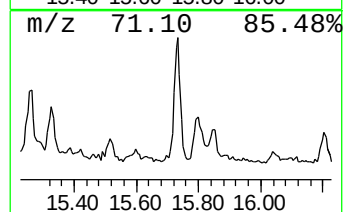
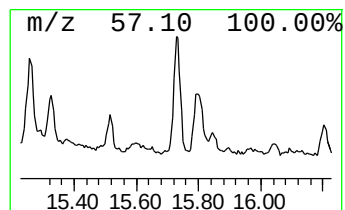
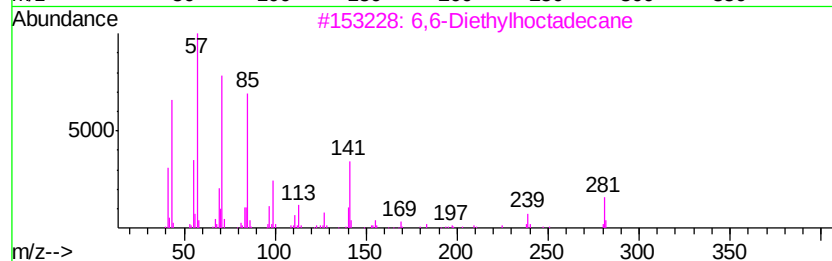
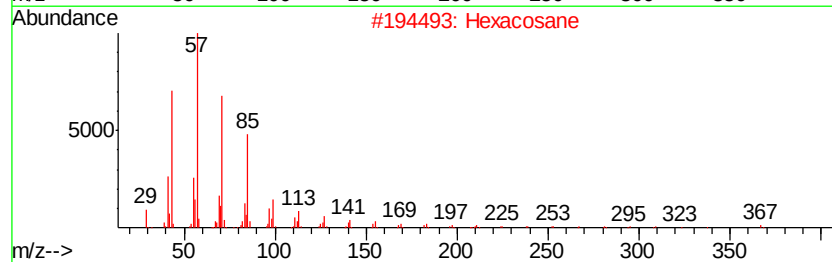
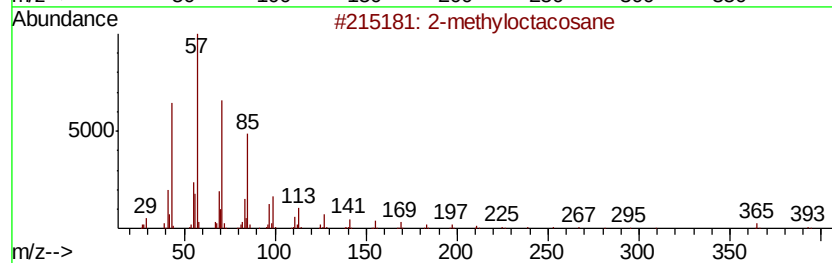
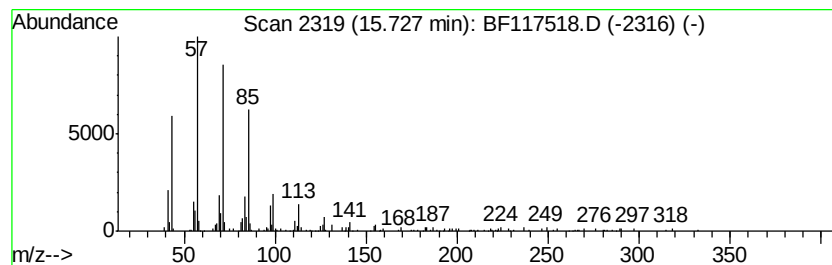
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-methyloctacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	14.22 ng	190196	Perylene-d12	15.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-methyloctacosane	408 C29H60	1000376-72-8	91
2	Hexacosane	366 C26H54	000630-01-3	91
3	6,6-Diethyloctadecane	310 C22H46	1000360-41-8	90
4	triacontane	422 C30H62	000638-68-6	90
5	Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117518.D
Acq On : 24 Oct 2019 18:53
Operator : JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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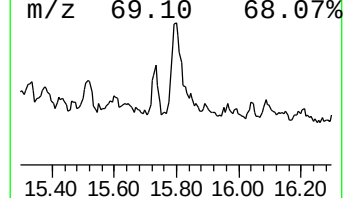
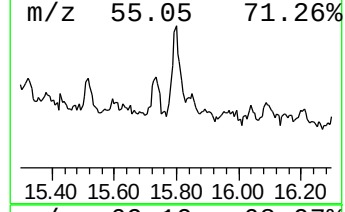
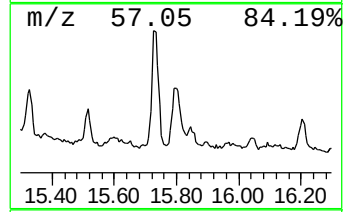
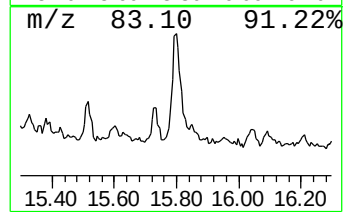
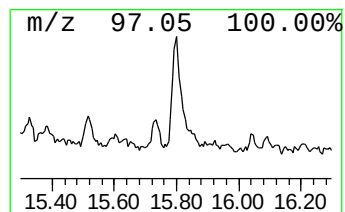
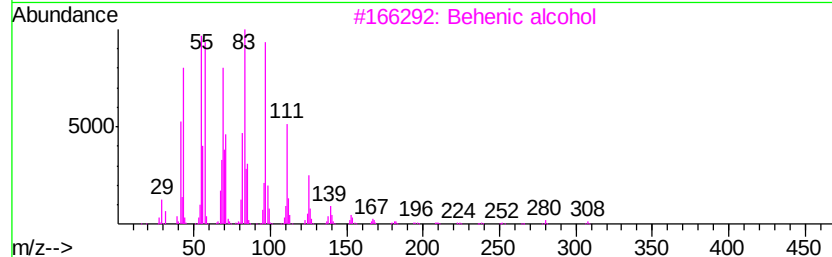
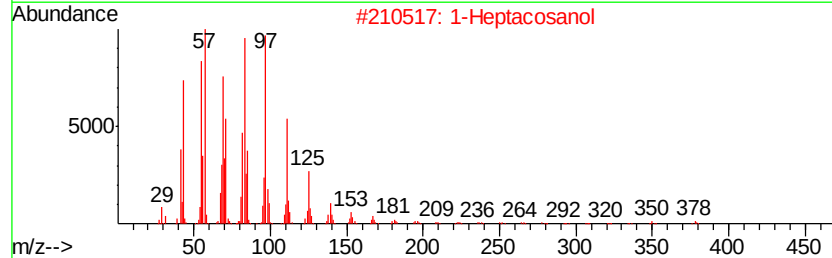
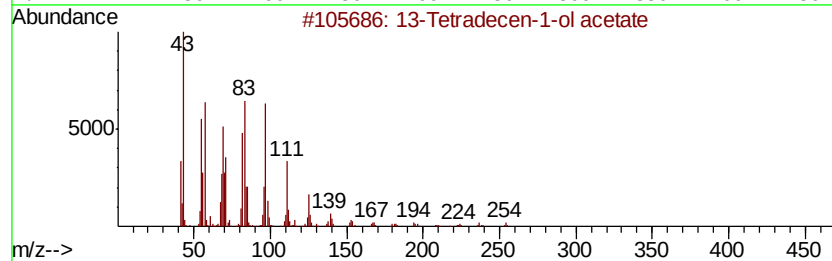
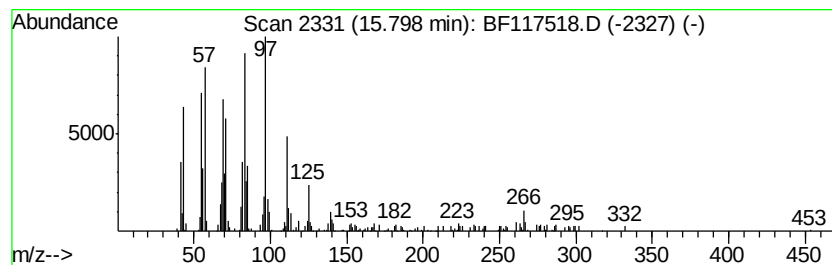
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 13-Tetradecen-1-ol acetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	19.60 ng	262089	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	93
2		1-Heptacosanol	396	C27H56O	002004-39-9	93
3		Behenic alcohol	326	C22H46O	000661-19-8	91
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5		1-Docosene	308	C22H44	001599-67-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117518.D
Acq On : 24 Oct 2019 18:53
Operator : JU
Sample : K5499-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

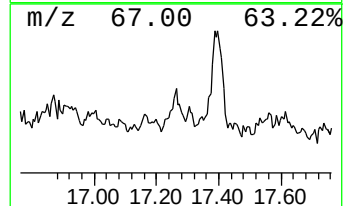
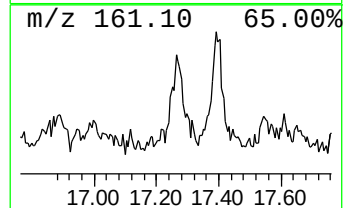
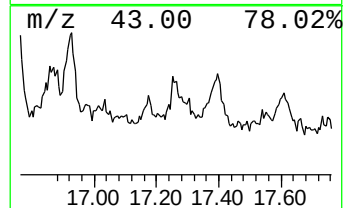
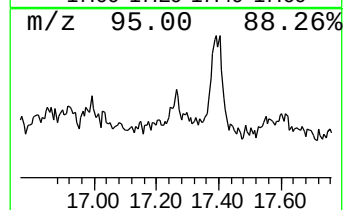
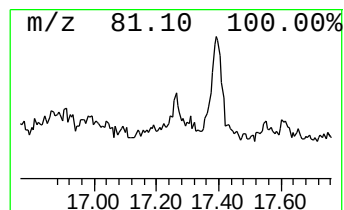
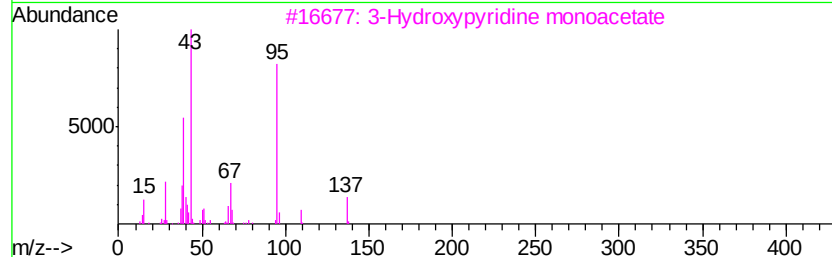
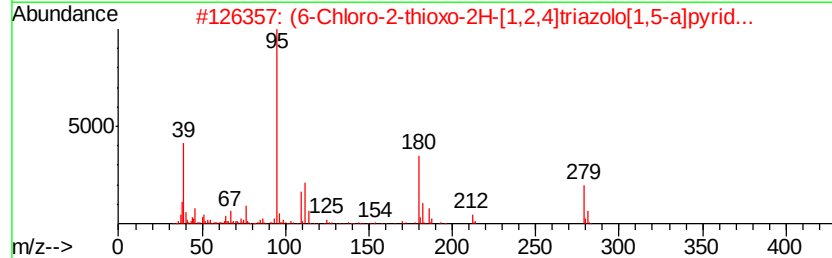
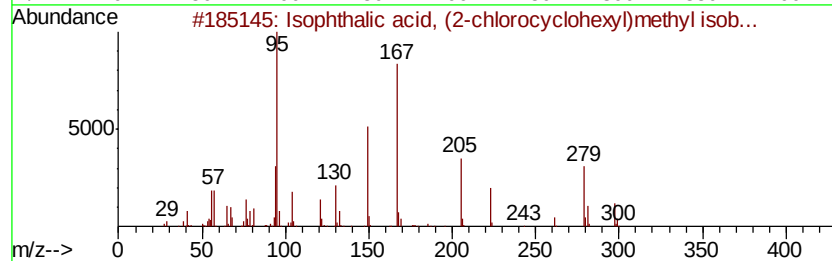
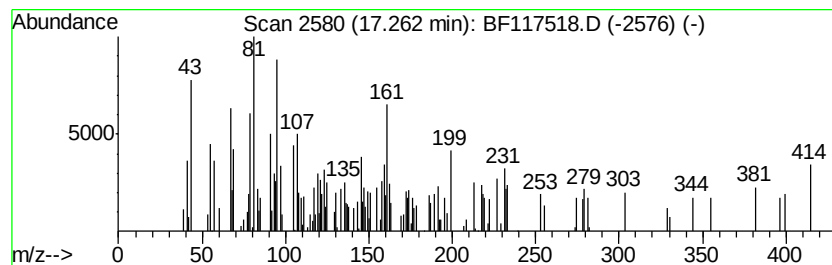
Instrument :
BNA_F
ClientSampleId :
704-04-(0-1)

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

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

Peak Number 19 unknown17.26 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.26	12.79 ng	171019	Perylene-d12	15.33		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isophthalic acid, (2-chlorocyclo...	352	C19H25ClO4	1000343-79-4	10
2		(6-Chloro-2-thioxo-2H-[1,2,4]tri...	279	C11H6ClN3O2S	1000302-85-7	10
3		3-Hydroxypyrindine monoacetate	137	C7H7NO2	017747-43-2	9
4		2H-Pyran-2-one, 6-pentyl-	166	C10H14O2	027593-23-3	9
5		5.alpha.-Stigmast-9(11)-en-3.bet...	414	C29H50O	077794-81-1	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117518.D
Acq On : 24 Oct 2019 18:53
Operator : JU
Sample : K5499-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
704-04-(0-1)

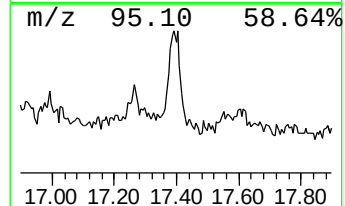
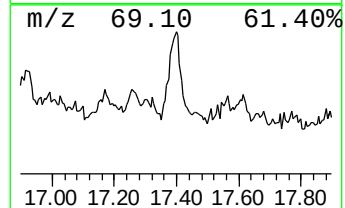
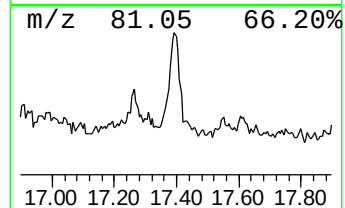
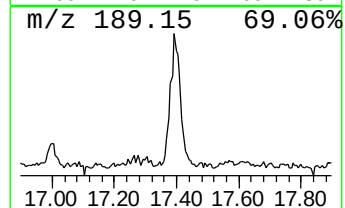
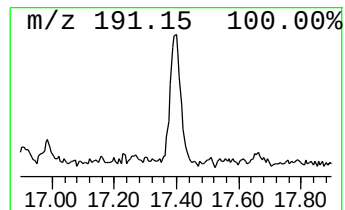
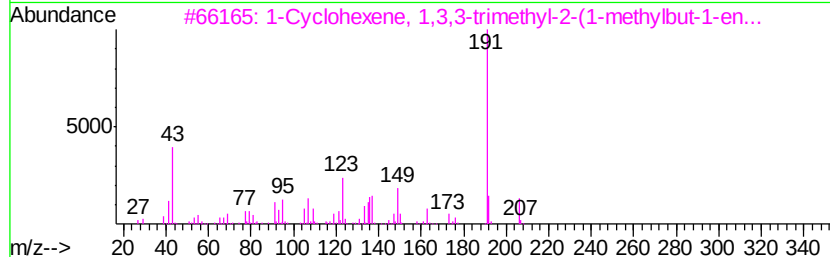
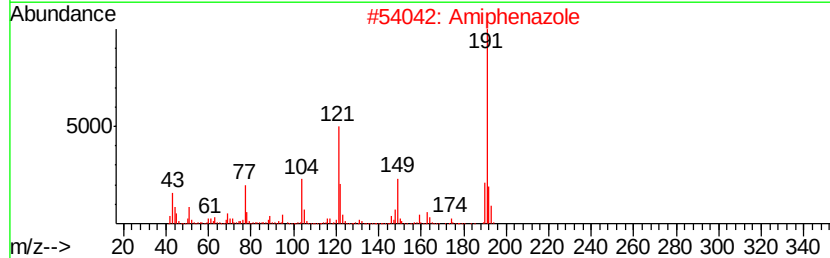
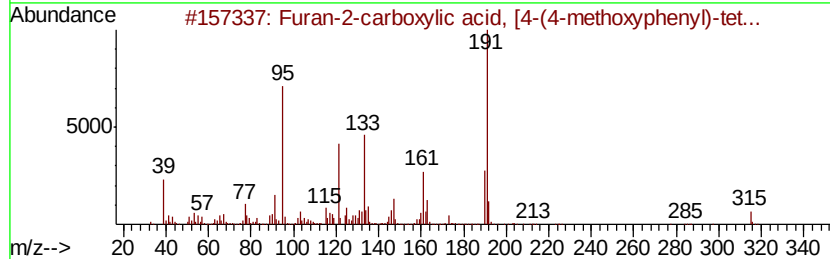
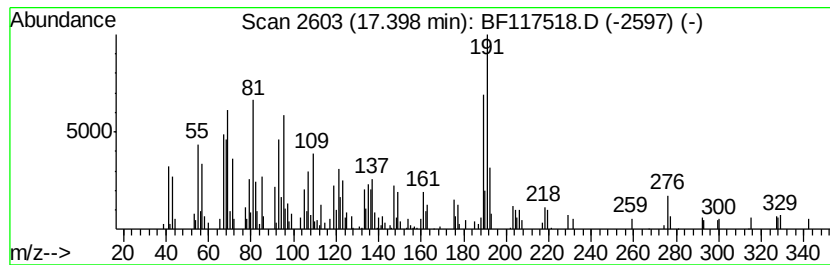
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown17.40 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.40	29.40 ng	393147	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Furan-2-carboxylic acid, [4-(4-m...	315	C18H21N04	1000305-72-3	49
2		Amiphenazole	191	C9H9N3S	000490-55-1	38
3		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	30
4		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	25
5		2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102419\
 Data File : BF117518.D
 Acq On : 24 Oct 2019 18:53
 Operator : JU
 Sample : K5499-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 704-04-(0-1)

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.51	6.51	74.0	ng	1020740	1	6.73	276002	20.0
n-Hexadecanoic acid	11.79	20.0	ng	342176	4	11.25	342090	20.0
Octadecanoic acid	12.57	11.1	ng	190310	4	11.25	342090	20.0
1,19-Eicosadiene	13.52	17.2	ng	522597	5	13.90	608496	20.0
Cyclohexadecane	13.73	28.0	ng	852616	5	13.90	608496	20.0
2-Nonadecanone	13.78	11.8	ng	359268	5	13.90	608496	20.0
Octadecanal	14.17	7.1	ng	215563	5	13.90	608496	20.0
1-Docosene	14.37	28.3	ng	859899	5	13.90	608496	20.0
2-Pentacosanone	14.41	8.9	ng	270804	5	13.90	608496	20.0
Tetracosanoic acid	14.57	6.5	ng	199414	5	13.90	608496	20.0
Nonadecane-2,4-dione	14.74	7.3	ng	97112	6	15.33	267446	20.0
Oxirane, hexadecyl-	14.79	8.7	ng	116264	6	15.33	267446	20.0
n-Tetracosanol-1	15.00	38.3	ng	511853	6	15.33	267446	20.0
Perylene	15.21	18.3	ng	244219	6	15.33	267446	20.0
17-Octadecenal	15.52	9.0	ng	120727	6	15.33	267446	20.0
2-methyloctacosane	15.73	14.2	ng	190196	6	15.33	267446	20.0
13-Tetradecen-1-o...	15.80	19.6	ng	262089	6	15.33	267446	20.0
unknown17.26	17.26	12.8	ng	171019	6	15.33	267446	20.0
unknown17.40	17.40	29.4	ng	393147	6	15.33	267446	20.0