

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119756.D
 Acq On : 4 Apr 2020 10:18
 Operator : MA/SJ
 Sample : L2122-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-040120

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-BF031820.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.416	561	566	569	rBV	2789059	2494772	38.60%	3.819%
2	6.434	734	739	742	rBV	2848101	2475306	38.30%	3.789%
3	6.804	798	802	805	rBV	1340595	1002100	15.50%	1.534%
4	6.963	825	829	832	rBV	2265008	1999117	30.93%	3.060%
5	7.363	889	897	900	rBV	1764337	1630878	25.23%	2.497%
6	7.404	900	904	908	rVV	130469	126385	1.96%	0.193%
7	8.086	1015	1020	1024	rVV	1419458	1511082	23.38%	2.313%
8	8.286	1052	1054	1058	rVB2	100565	98193	1.52%	0.150%
9	8.386	1066	1071	1073	rBV4	136007	180445	2.79%	0.276%
10	8.439	1078	1080	1083	rVB3	126509	107943	1.67%	0.165%
11	8.475	1083	1086	1089	rBV3	162815	162654	2.52%	0.249%
12	8.516	1089	1093	1095	rBV	173361	171735	2.66%	0.263%
13	8.598	1103	1107	1109	rBV2	220251	219364	3.39%	0.336%
14	8.686	1118	1122	1125	rBV	640945	541623	8.38%	0.829%
15	8.751	1130	1133	1135	rVV2	143091	150992	2.34%	0.231%
16	8.781	1135	1138	1141	rVB3	99988	112482	1.74%	0.172%
17	8.916	1158	1161	1165	rVB4	211263	180677	2.80%	0.277%
18	9.051	1179	1184	1187	rVB4	184829	241872	3.74%	0.370%
19	9.116	1192	1195	1199	rVV3	256606	273374	4.23%	0.419%
20	9.169	1200	1204	1207	rVB	3148310	2627460	40.65%	4.022%
21	9.251	1214	1218	1222	rBV	1003483	853195	13.20%	1.306%
22	9.316	1227	1229	1232	rVB	156727	142567	2.21%	0.218%
23	9.422	1242	1247	1249	rBV5	113111	169674	2.63%	0.260%
24	9.486	1254	1258	1259	rVV2	116329	123442	1.91%	0.189%
25	9.504	1259	1261	1263	rVV2	211682	202688	3.14%	0.310%
26	9.528	1263	1265	1268	rVV2	218079	191491	2.96%	0.293%
27	9.563	1268	1271	1274	rVV2	468612	721182	11.16%	1.104%
28	9.592	1274	1276	1279	rVV2	270470	258737	4.00%	0.396%
29	9.628	1279	1282	1285	rVB2	236501	223091	3.45%	0.342%
30	9.704	1293	1295	1300	rBV	137474	160341	2.48%	0.245%
31	9.757	1300	1304	1305	rVV3	77162	95164	1.47%	0.146%
32	9.780	1305	1308	1312	rVV	1228047	961117	14.87%	1.471%
33	9.822	1312	1315	1316	rVV2	149696	147513	2.28%	0.226%
34	9.845	1316	1319	1322	rVV	1514788	1270599	19.66%	1.945%

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35	9.892	1324	1327	1330	rVV	759782	624590	9.66%	0.956%
36	9.957	1334	1338	1341	rVB2	90699	103584	1.60%	0.159%
37	10.010	1344	1347	1350	rBV2	128905	194437	3.01%	0.298%
38	10.045	1350	1353	1356	rVV5	216532	281323	4.35%	0.431%
39	10.104	1359	1363	1367	rVV4	247104	310946	4.81%	0.476%
40	10.163	1371	1373	1376	rBV3	95258	123766	1.91%	0.189%
41	10.280	1390	1393	1396	rVB	1279060	948529	14.68%	1.452%
42	10.339	1401	1403	1408	rVB3	97189	110147	1.70%	0.169%
43	10.504	1425	1431	1433	rBV	472316	583867	9.03%	0.894%
44	10.551	1437	1439	1442	rVB2	124542	115815	1.79%	0.177%
45	10.586	1442	1445	1448	rBV2	134734	143192	2.22%	0.219%
46	10.633	1448	1453	1456	rBV	1603045	1394288	21.57%	2.135%
47	10.757	1471	1474	1481	rVB	1180476	1398400	21.64%	2.141%
48	10.857	1488	1491	1495	rVB	669887	541380	8.38%	0.829%
49	10.945	1503	1506	1508	rBV	116544	109446	1.69%	0.168%
50	10.980	1508	1512	1516	rVB4	119114	169248	2.62%	0.259%
51	11.204	1547	1550	1553	rBV	1051119	824804	12.76%	1.263%
52	11.233	1553	1555	1561	rVB2	419372	432186	6.69%	0.662%
53	11.333	1568	1572	1574	rBV	1232015	1024345	15.85%	1.568%
54	11.357	1574	1576	1578	rVV	444936	360459	5.58%	0.552%
55	11.404	1582	1584	1588	rVV	169139	185729	2.87%	0.284%
56	11.633	1619	1623	1625	rBV	861987	695288	10.76%	1.064%
57	11.733	1636	1640	1643	rBV	2732047	2265013	35.05%	3.467%
58	11.792	1647	1650	1653	rBV2	83641	109992	1.70%	0.168%
59	11.863	1659	1662	1665	rBV	867552	692436	10.71%	1.060%
60	11.945	1674	1676	1679	rVB	165242	133217	2.06%	0.204%
61	12.039	1689	1692	1695	rBV	726733	546513	8.46%	0.837%
62	12.133	1705	1708	1710	rBV2	100646	95143	1.47%	0.146%
63	12.321	1736	1740	1744	rBV3	92127	154731	2.39%	0.237%
64	12.386	1748	1751	1753	rBV	185437	173374	2.68%	0.265%
65	12.421	1753	1757	1759	rVV	5107377	5590562	86.50%	8.559%
66	12.445	1759	1761	1767	rVV	7277074	6463088	100.00%	9.894%
67	12.527	1771	1775	1776	rVV	1008192	906967	14.03%	1.388%
68	12.545	1776	1778	1781	rVV	1012896	1058552	16.38%	1.621%
69	12.574	1781	1783	1791	rVV	935831	1244439	19.25%	1.905%
70	12.651	1793	1796	1802	rVB3	399243	431756	6.68%	0.661%
71	12.774	1812	1817	1819	rBV	917730	996197	15.41%	1.525%

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72	12.798	1819	1821	1824	rVB	435881	362089	5.60%	0.554%
73	12.921	1838	1842	1845	rBV	2258955	1831569	28.34%	2.804%
74	12.998	1852	1855	1858	rBV4	73899	119457	1.85%	0.183%
75	13.086	1867	1870	1871	rBV2	175535	178690	2.76%	0.274%
76	13.104	1871	1873	1879	rVV	266337	295126	4.57%	0.452%
77	13.157	1879	1882	1884	rVV	411579	444546	6.88%	0.681%
78	13.210	1888	1891	1893	rVV2	169808	171508	2.65%	0.263%
79	13.251	1896	1898	1901	rVV	178031	170990	2.65%	0.262%
80	13.304	1904	1907	1910	rVV2	144437	227399	3.52%	0.348%
81	13.333	1910	1912	1914	rVV	161638	162385	2.51%	0.249%
82	13.357	1914	1916	1921	rVV3	143907	200417	3.10%	0.307%
83	13.410	1921	1925	1930	rVB6	186622	265486	4.11%	0.406%
84	13.498	1937	1940	1943	rBV	292135	246430	3.81%	0.377%
85	13.610	1957	1959	1963	rBV	89279	101658	1.57%	0.156%
86	13.721	1974	1978	1981	rBV3	105398	176677	2.73%	0.270%
87	13.827	1992	1996	2004	rVB2	472665	581356	9.00%	0.890%
88	13.921	2009	2012	2014	rBV	112320	104844	1.62%	0.161%
89	13.974	2016	2021	2024	rVV2	1151847	1475362	22.83%	2.259%
90	13.998	2024	2025	2028	rVB	418280	298213	4.61%	0.457%
91	14.145	2047	2050	2055	rVB2	369470	347722	5.38%	0.532%
92	14.451	2099	2102	2105	rVB	476718	427582	6.62%	0.655%
93	14.757	2150	2154	2157	rBV	441728	454037	7.03%	0.695%
94	15.010	2193	2197	2200	rBV	392695	593981	9.19%	0.909%
95	15.092	2207	2211	2214	rBV	449113	503408	7.79%	0.771%
96	15.304	2245	2247	2254	rVB	253195	312411	4.83%	0.478%
97	15.368	2255	2258	2262	rVV	322681	352382	5.45%	0.539%
98	15.433	2265	2269	2272	rBV	537002	690246	10.68%	1.057%
99	15.468	2272	2275	2280	rVB2	401766	510868	7.90%	0.782%
100	15.898	2345	2348	2353	rVB	255574	347468	5.38%	0.532%

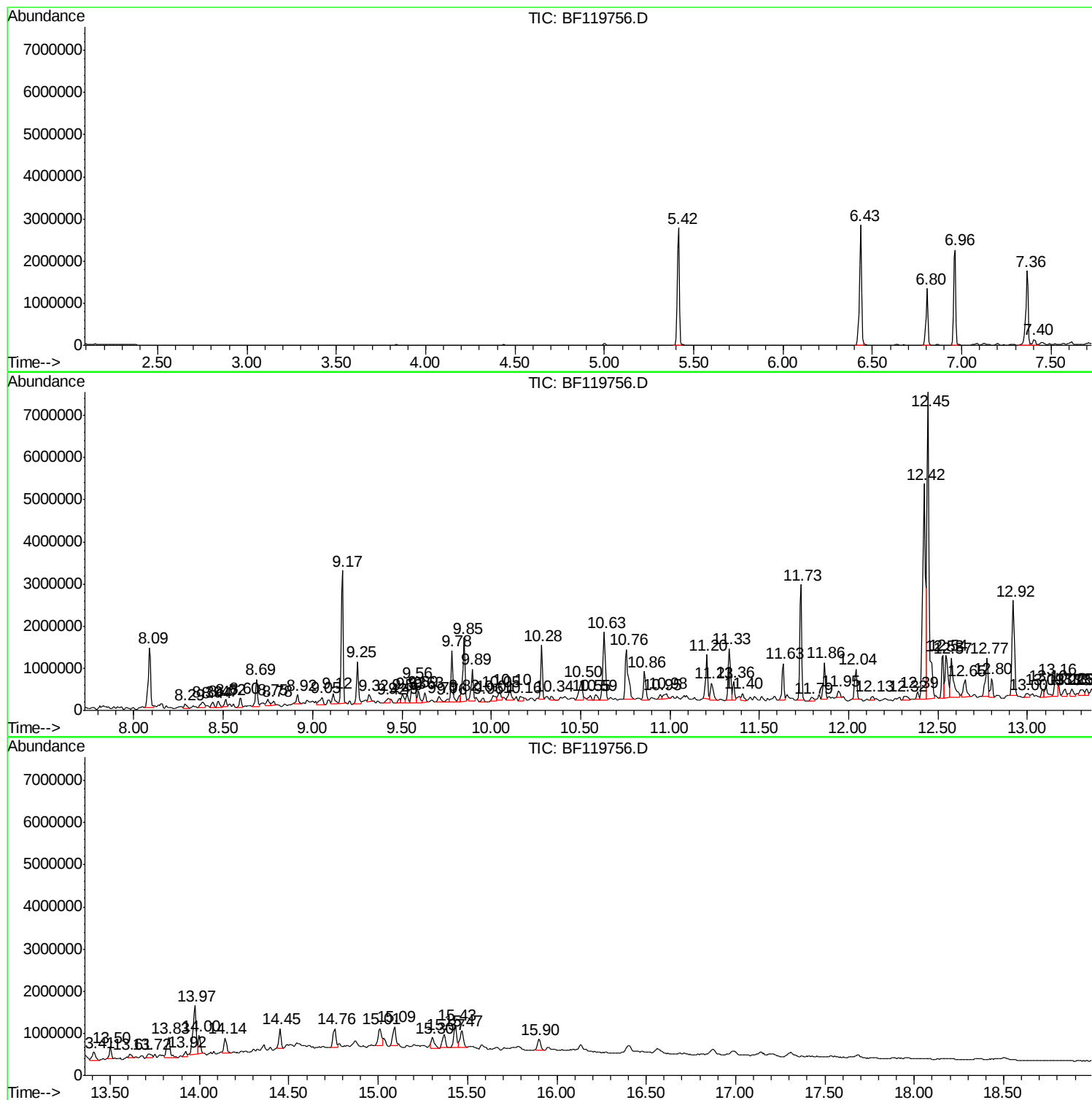
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ALS Vial : 45 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.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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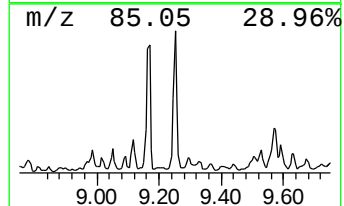
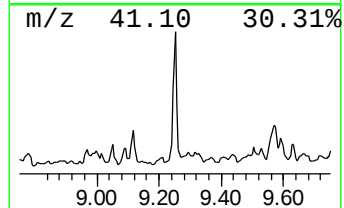
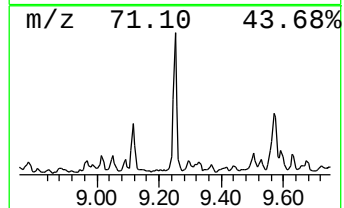
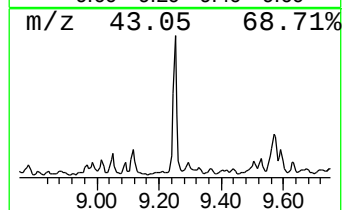
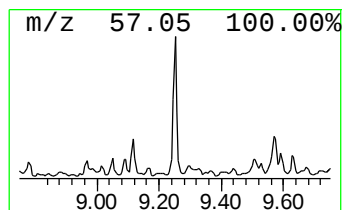
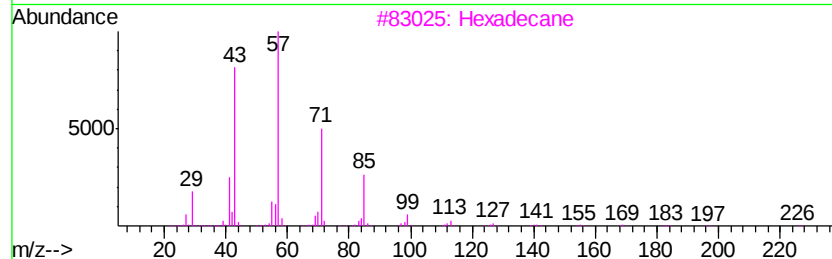
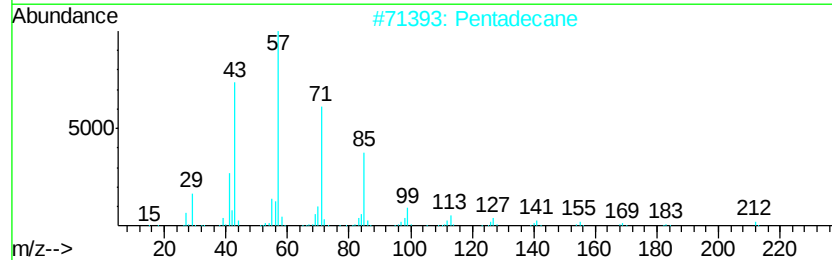
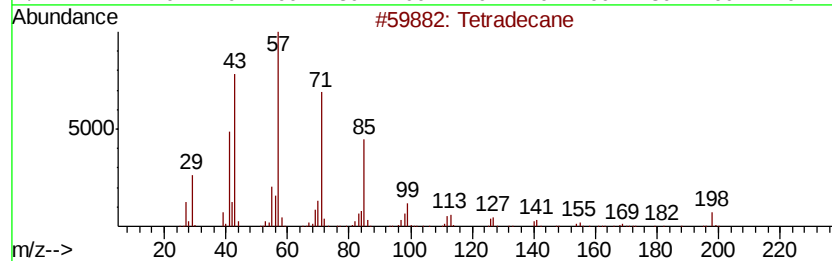
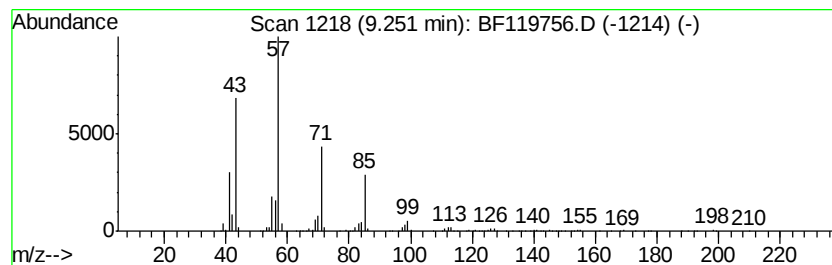
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	13.43 ng	853195	Acenaphthene-d10	9.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	93
2		Pentadecane	212	C15H32	000629-62-9	90
3		Hexadecane	226	C16H34	000544-76-3	87
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	83
5		Tridecane	184	C13H28	000629-50-5	72



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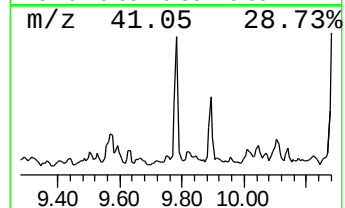
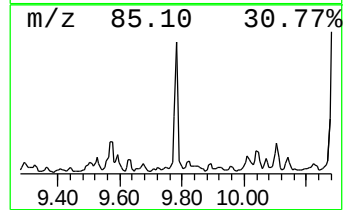
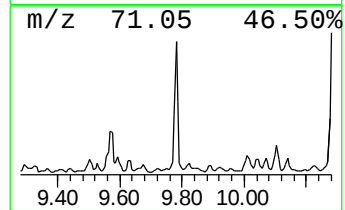
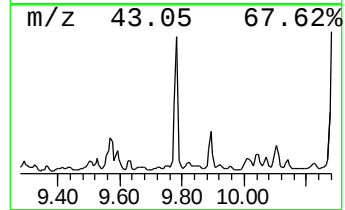
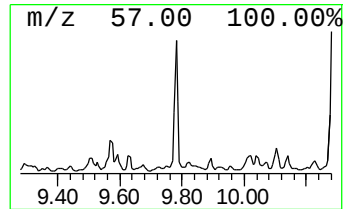
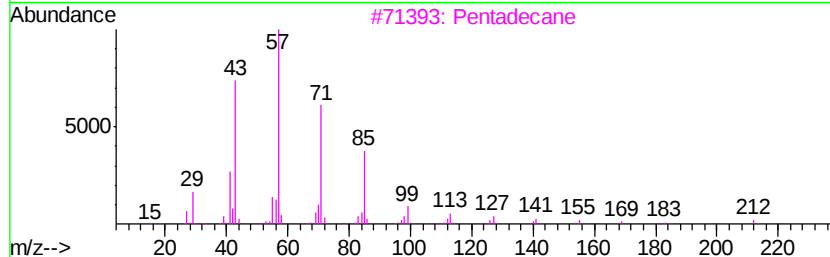
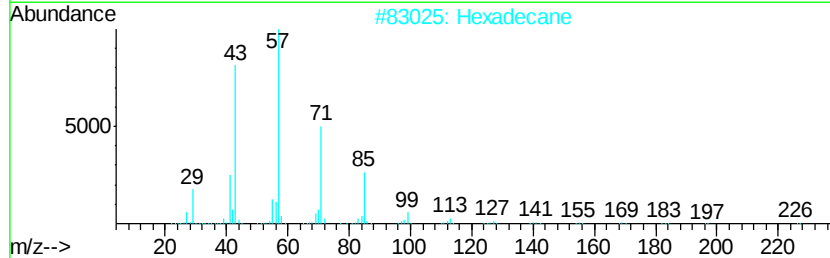
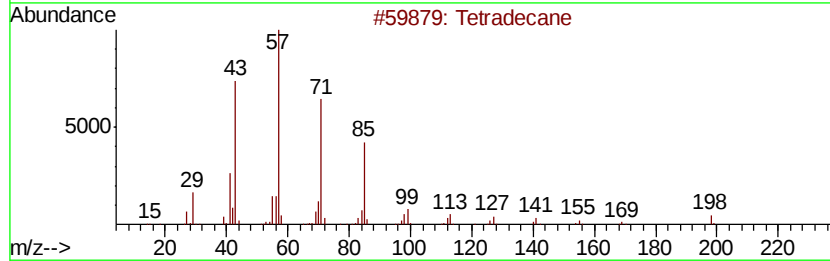
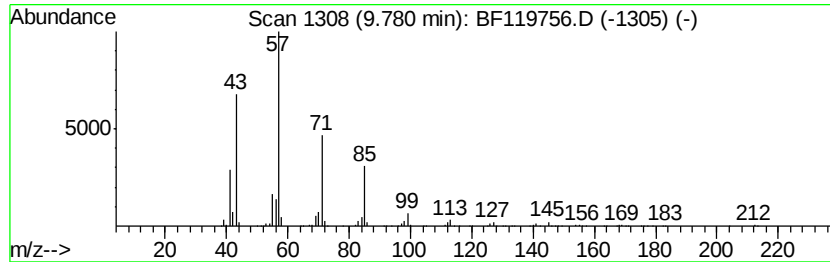
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	15.13 ng	961117	Acenaphthene-d10	9.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 90
2		Hexadecane	226 C16H34	000544-76-3 86
3		Pentadecane	212 C15H32	000629-62-9 81
4		Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2 80
5		Tridecane	184 C13H28	000629-50-5 80



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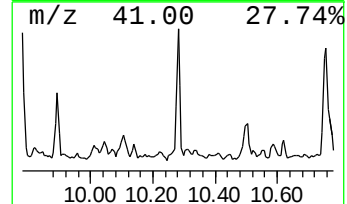
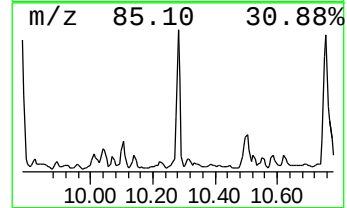
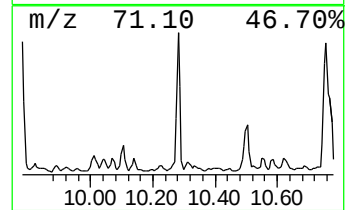
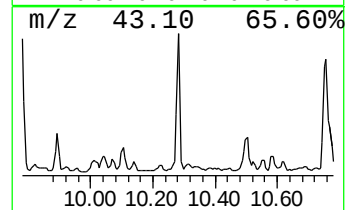
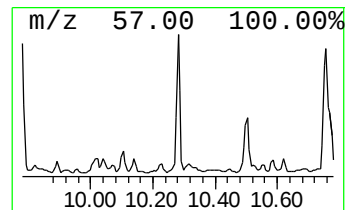
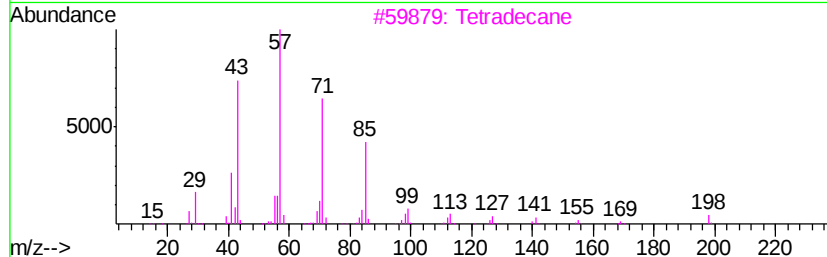
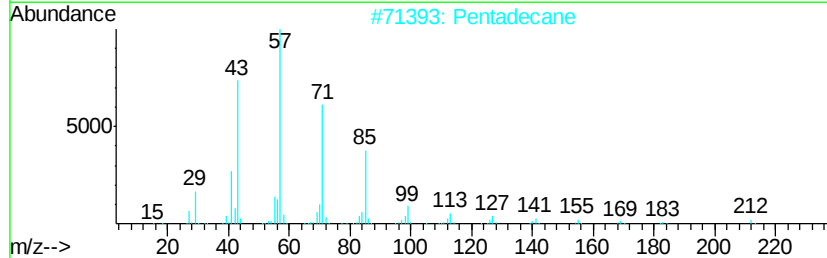
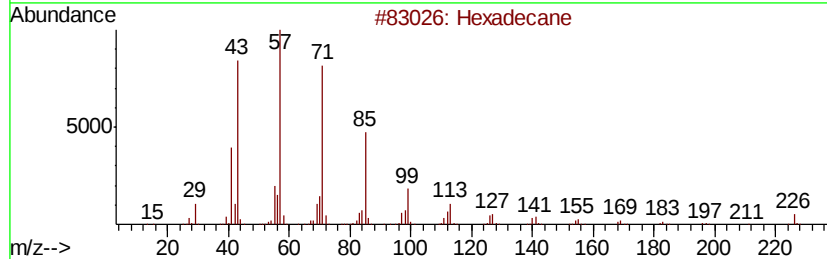
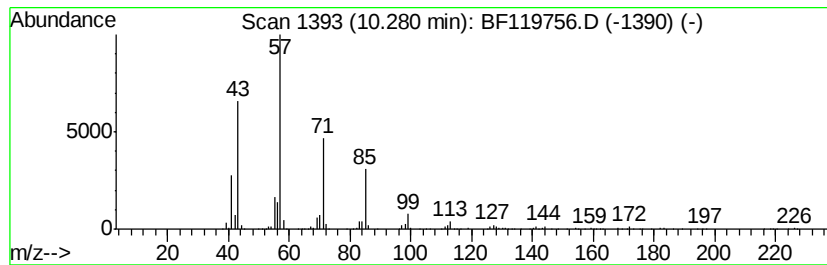
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	14.93 ng	948529	Acenaphthene-d10	9.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	93
2	Pentadecane	212 C15H32	000629-62-9	90
3	Tetradecane	198 C14H30	000629-59-4	80
4	Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2	80
5	Tridecane	184 C13H28	000629-50-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119756.D
Acq On : 4 Apr 2020 10:18
Operator : MA/SJ
Sample : L2122-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

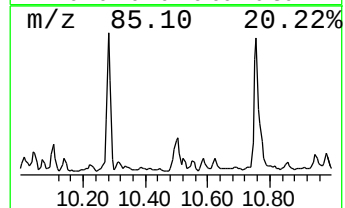
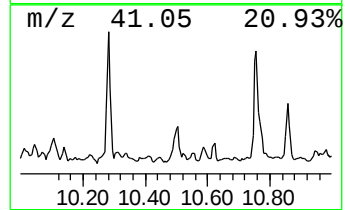
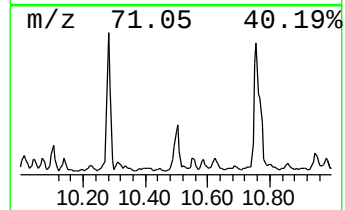
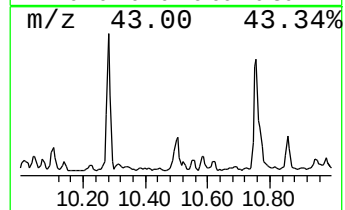
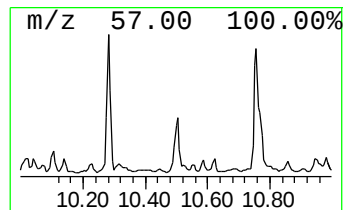
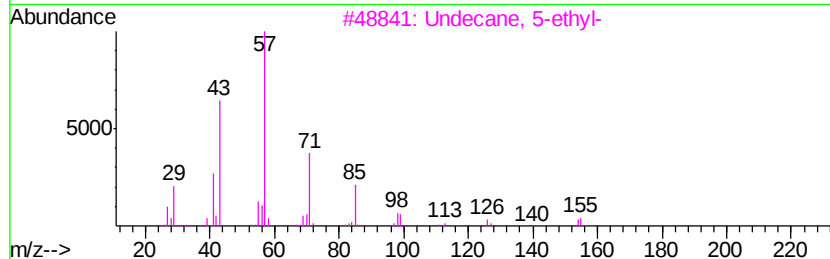
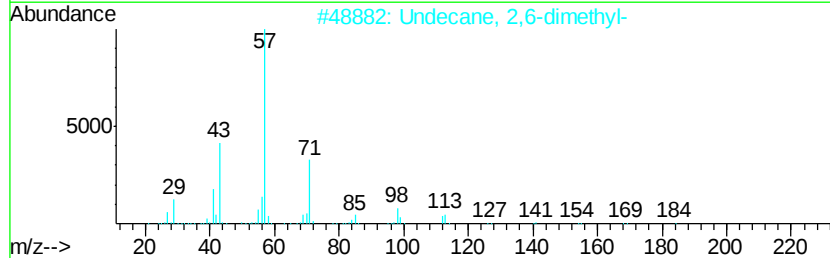
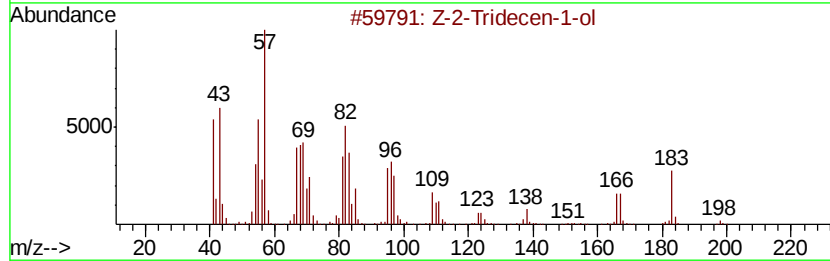
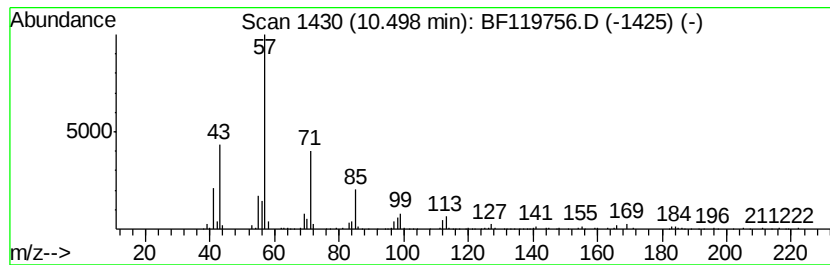
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Z-2-Tridecen-1-ol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.50	9.19 ng	583867	Acenaphthene-d10		9.85
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	74
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
3	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
4	Heneicosane	296	C21H44	000629-94-7	64
5	Heptacosane	380	C27H56	000593-49-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
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Acq On : 4 Apr 2020 10:18
Operator : MA/SJ
Sample : L2122-01
Misc :
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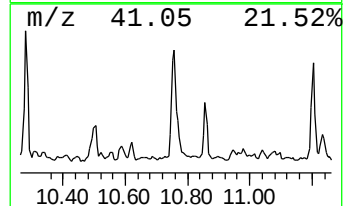
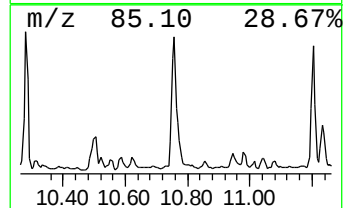
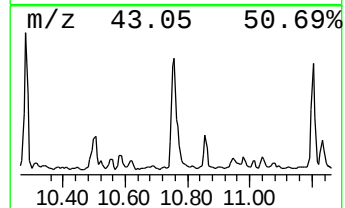
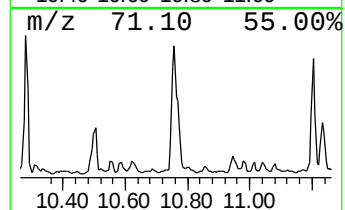
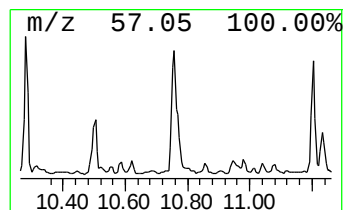
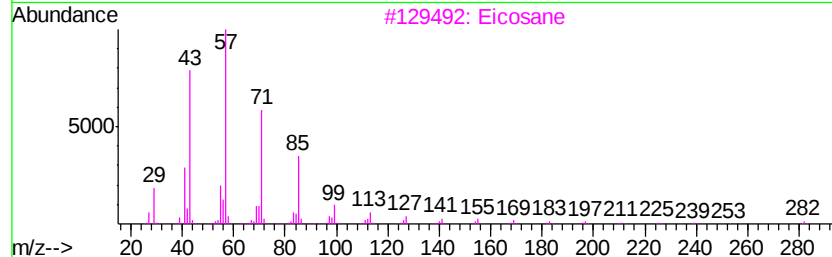
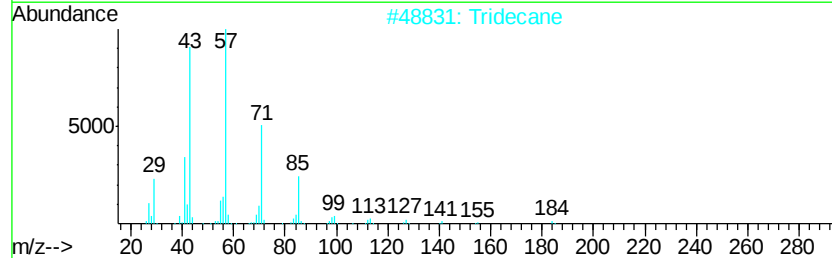
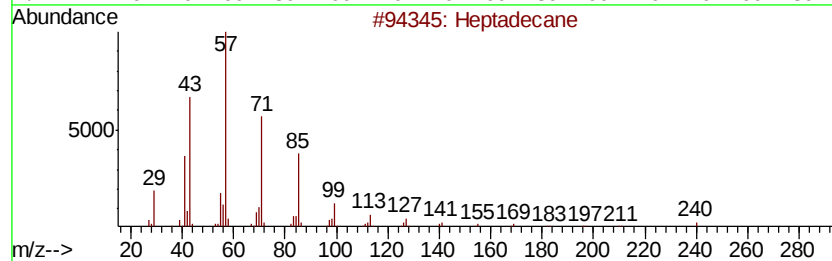
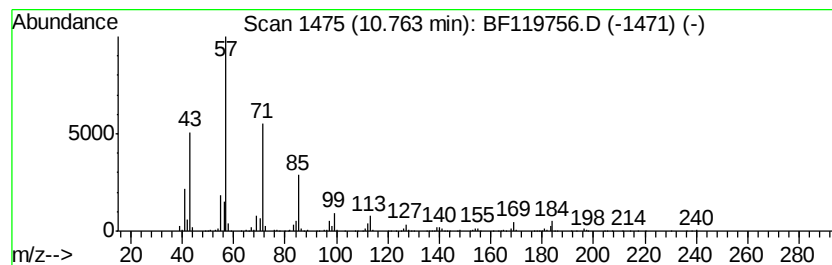
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.76	27.30 ng	1398400	Phenanthrene-d10		11.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Tridecane	184	C13H28	000629-50-5	91
3	Eicosane	282	C20H42	000112-95-8	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119756.D
Acq On : 4 Apr 2020 10:18
Operator : MA/SJ
Sample : L2122-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

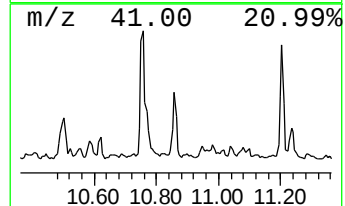
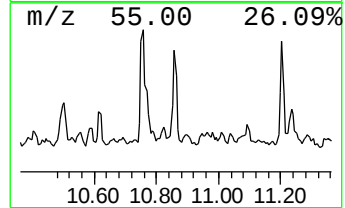
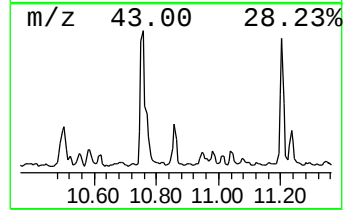
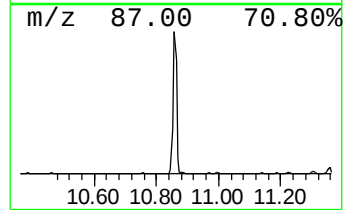
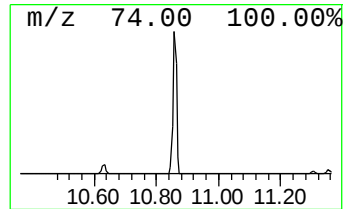
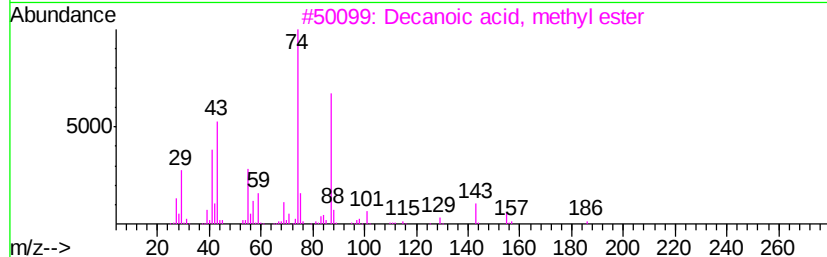
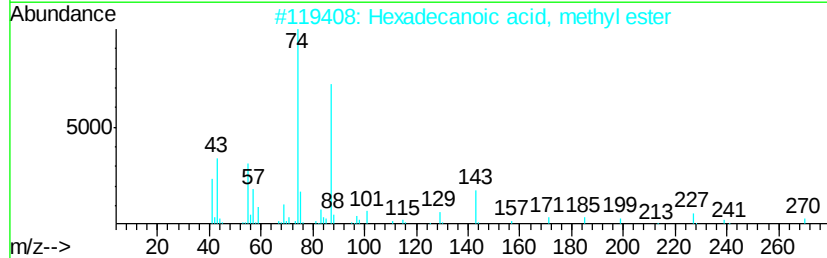
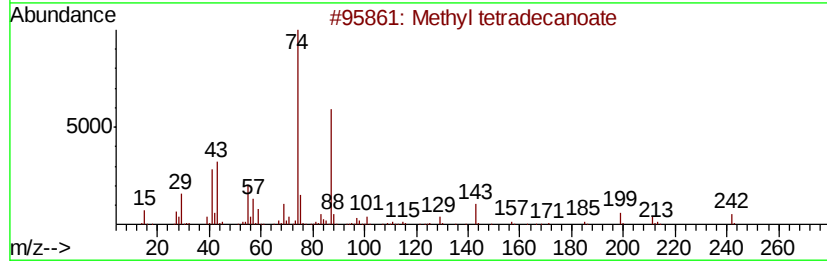
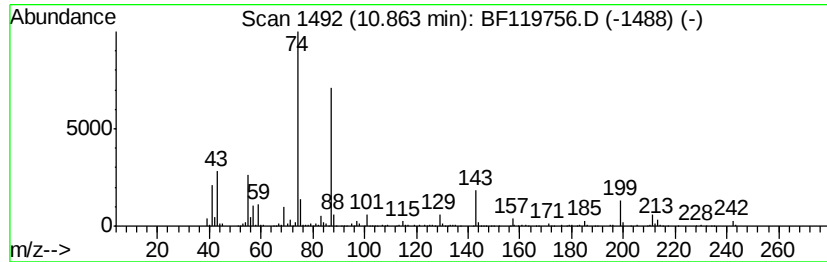
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Methyl tetradecanoate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.86	10.57 ng	541380	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
3	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119756.D
Acq On : 4 Apr 2020 10:18
Operator : MA/SJ
Sample : L2122-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-040120

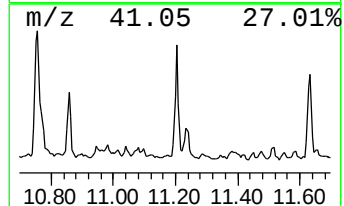
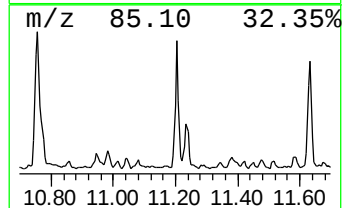
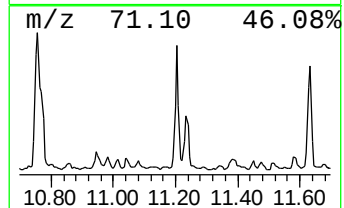
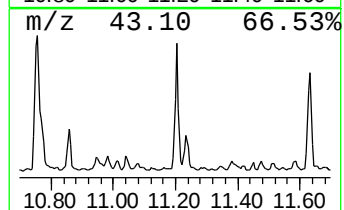
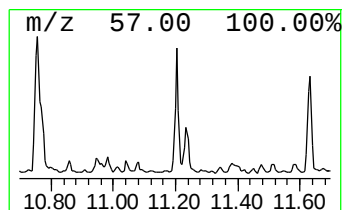
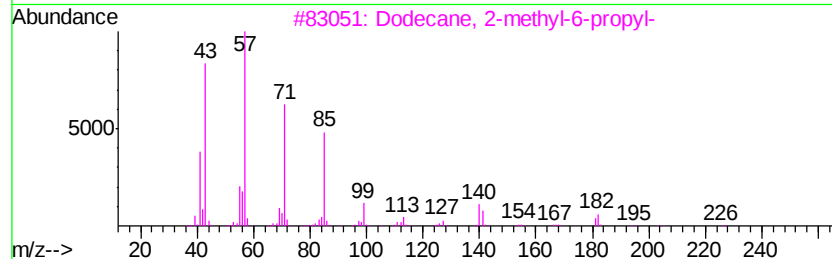
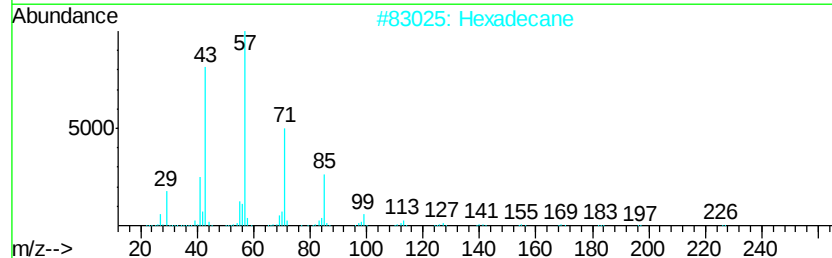
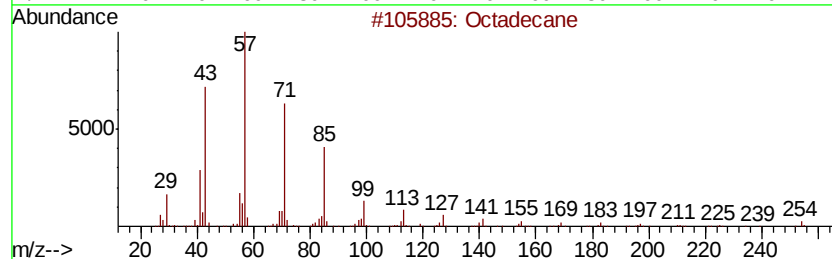
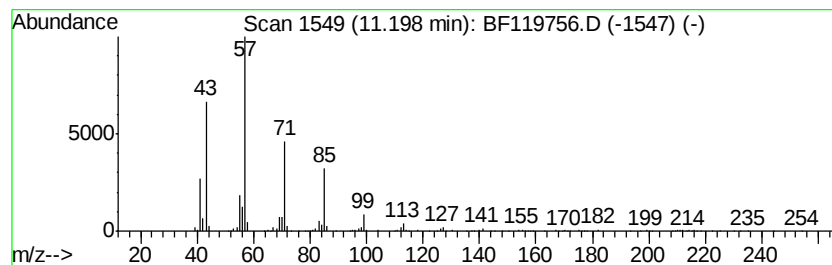
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	16.10 ng	824804	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	87
2	Hexadecane		226	C16H34	000544-76-3	86
3	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86
4	Sulfurous acid, 2-propyl tetradec...		320	C17H36O3S	1000309-12-5	80
5	Tridecane		184	C13H28	000629-50-5	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
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Acq On : 4 Apr 2020 10:18
Operator : MA/SJ
Sample : L2122-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

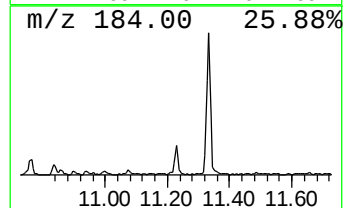
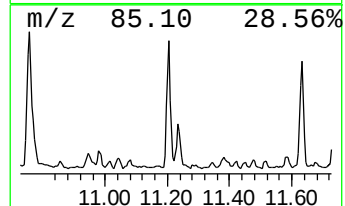
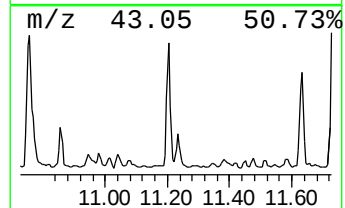
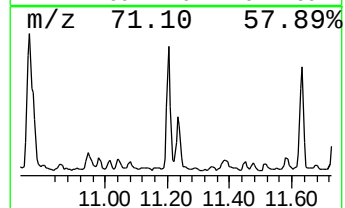
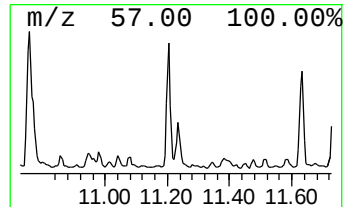
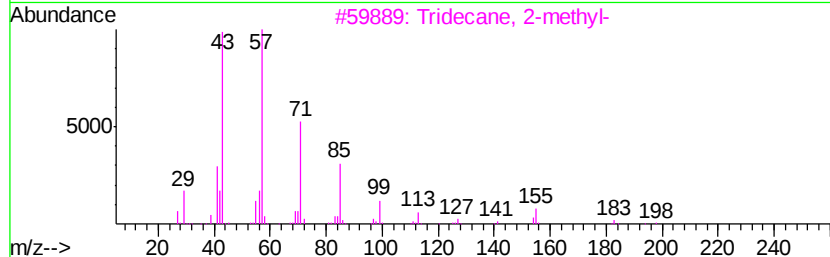
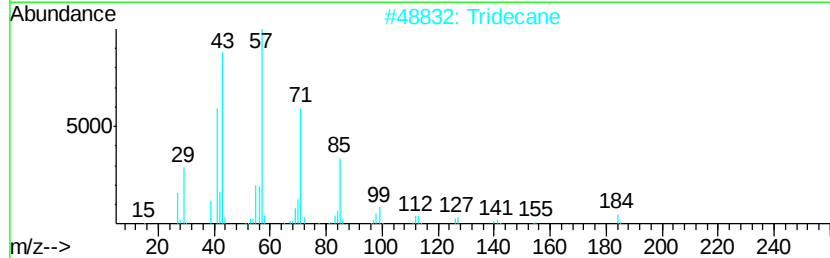
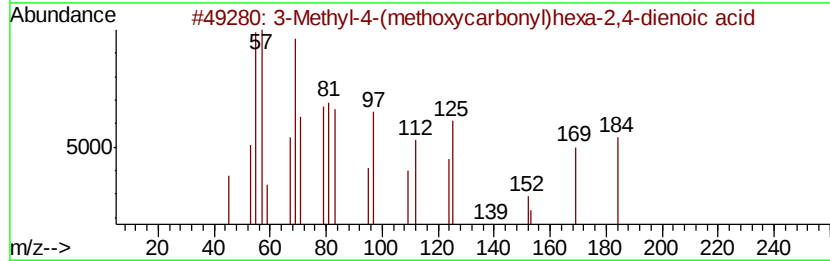
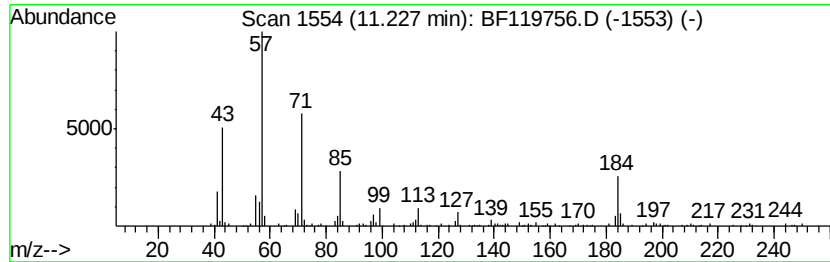
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 3-Methyl-4-(methoxycarbonyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.23	8.44 ng	432186	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	92
2	Tridecane	184	C13H28	000629-50-5	86
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	81
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	80
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119756.D
Acq On : 4 Apr 2020 10:18
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Misc :
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ClientSampleId :
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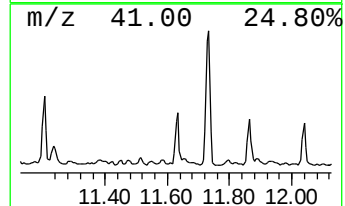
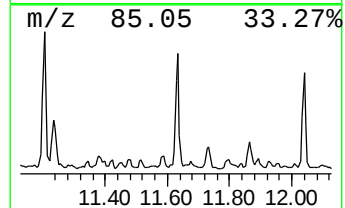
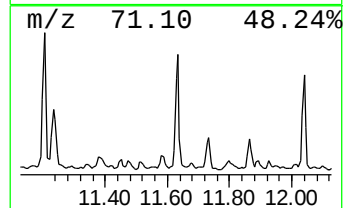
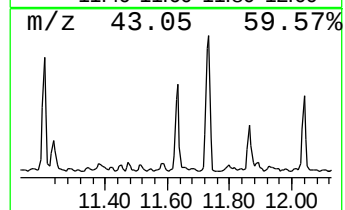
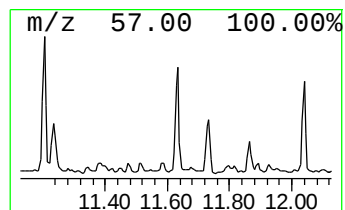
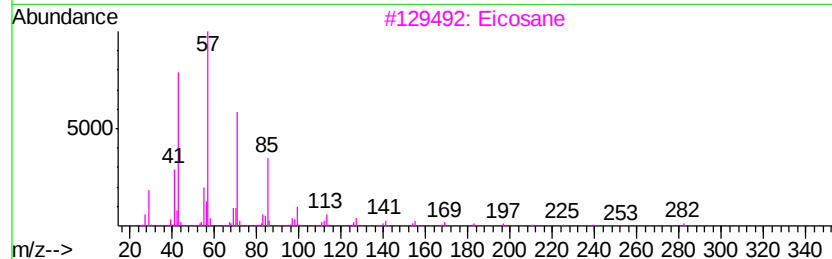
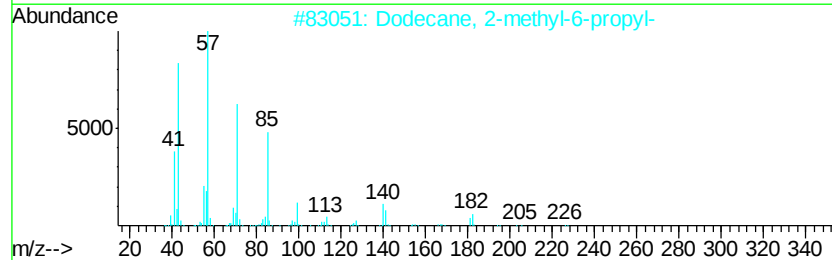
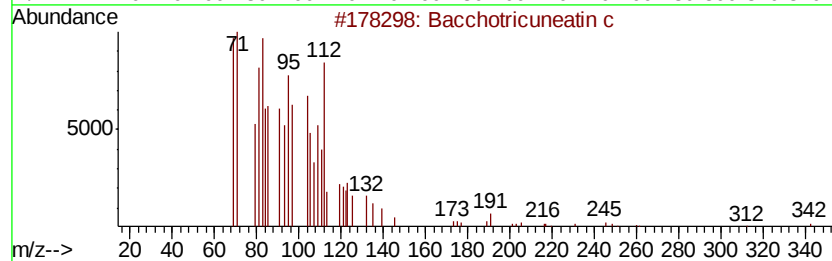
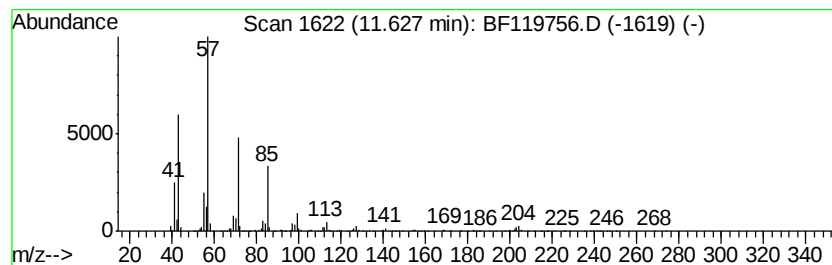
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Bacchotricuneatin c Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	13.58 ng	695288	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3		Eicosane	282	C20H42	000112-95-8	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119756.D
Acq On : 4 Apr 2020 10:18
Operator : MA/SJ
Sample : L2122-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-040120

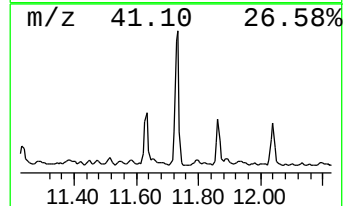
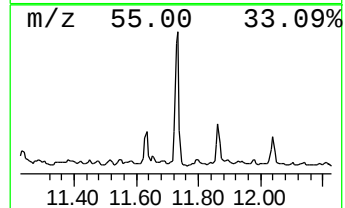
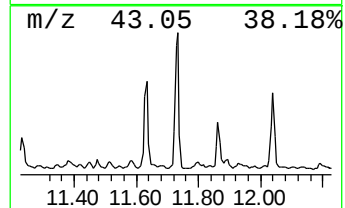
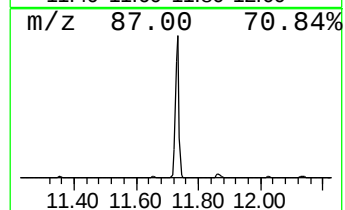
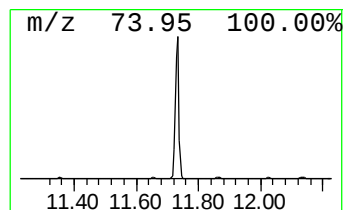
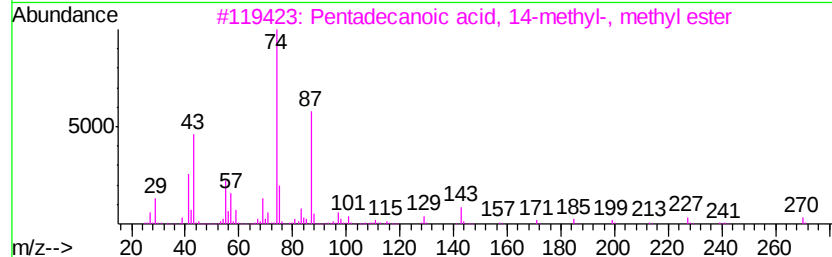
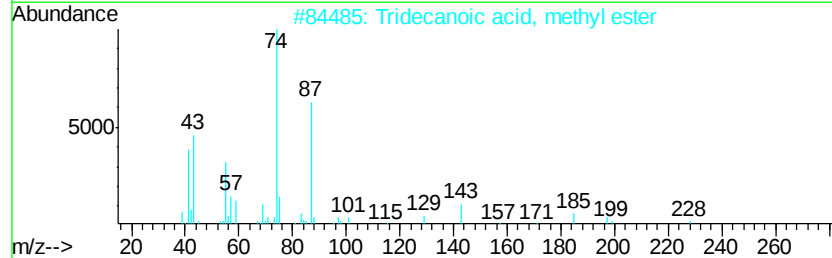
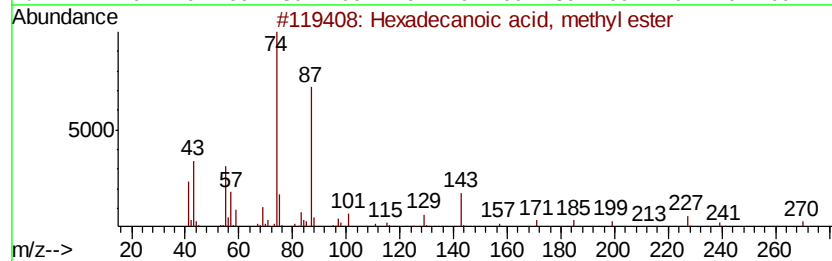
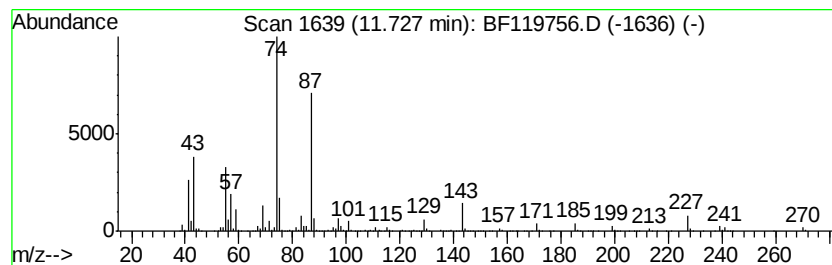
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	44.22 ng	2265010	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119756.D
Acq On : 4 Apr 2020 10:18
Operator : MA/SJ
Sample : L2122-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

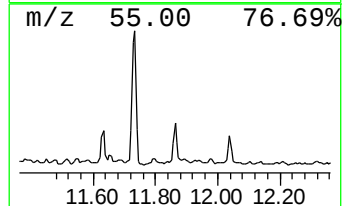
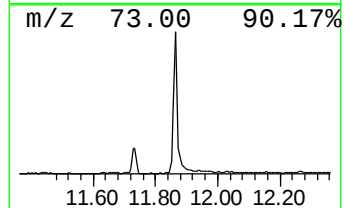
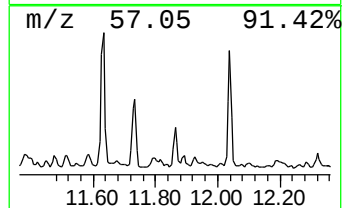
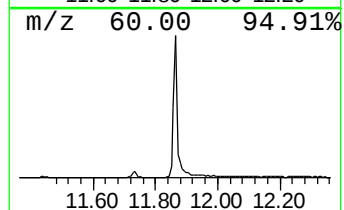
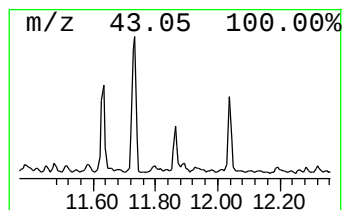
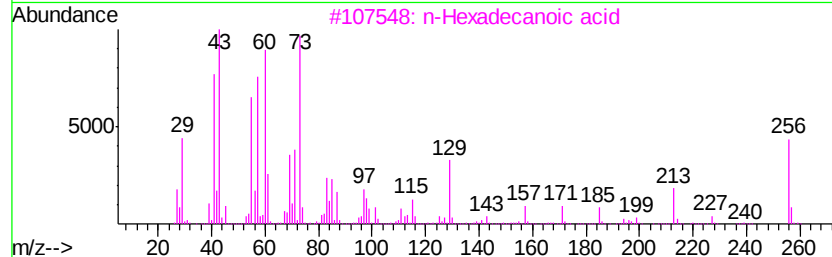
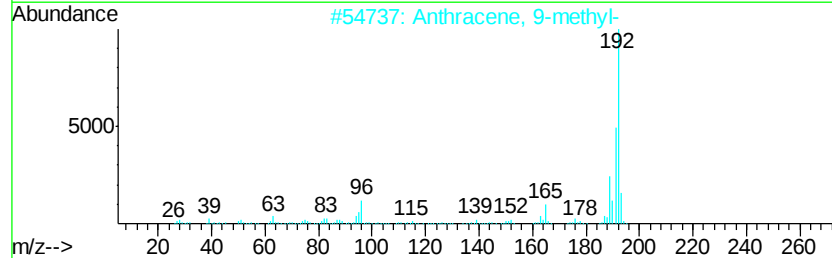
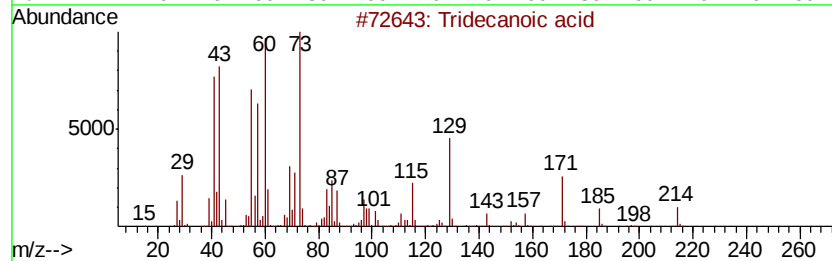
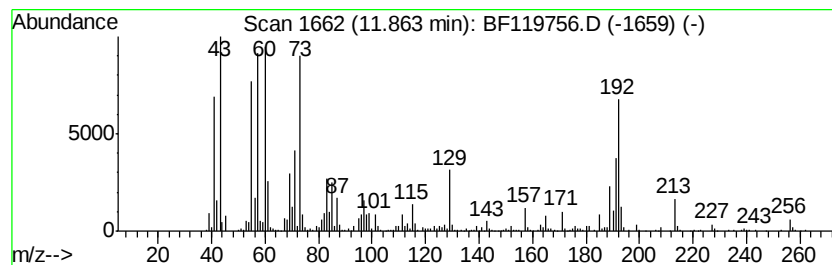
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ClientSampleId :
SU-01-040120

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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 Tridecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.86	13.52 ng	692436	Phenanthrene-d10		11.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	68
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119756.D
Acq On : 4 Apr 2020 10:18
Operator : MA/SJ
Sample : L2122-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-040120

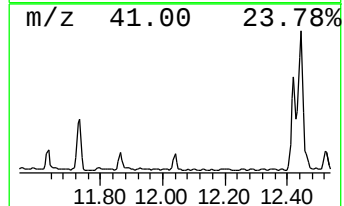
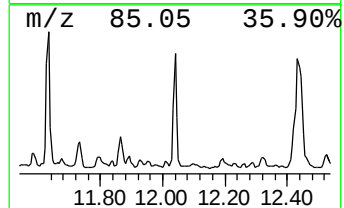
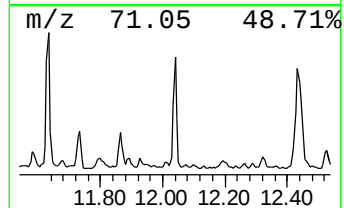
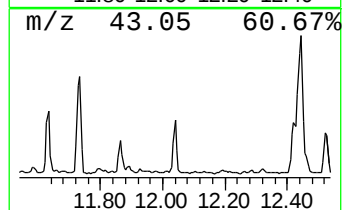
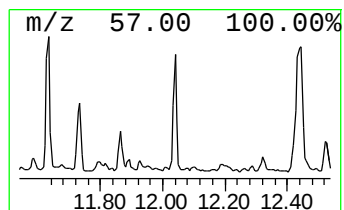
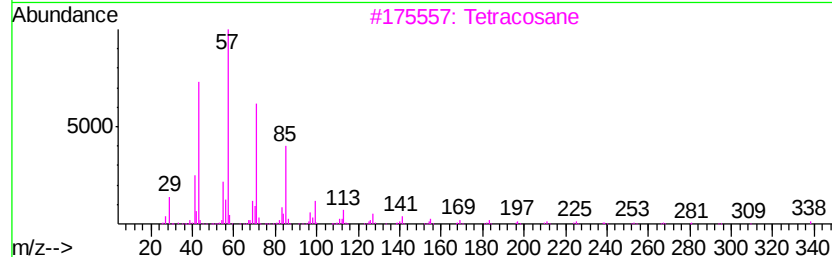
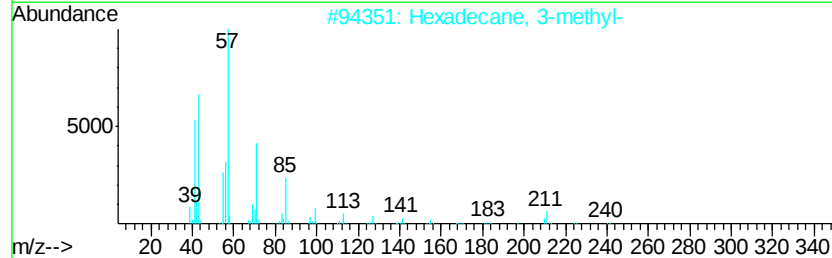
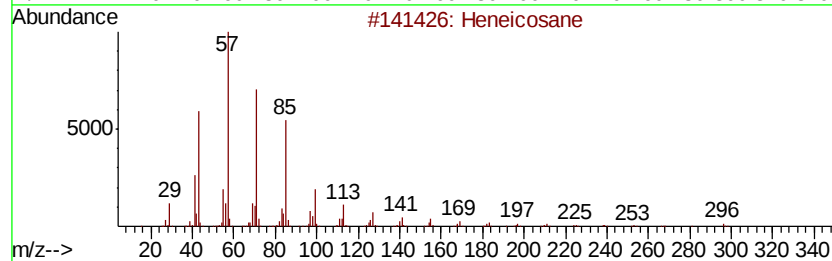
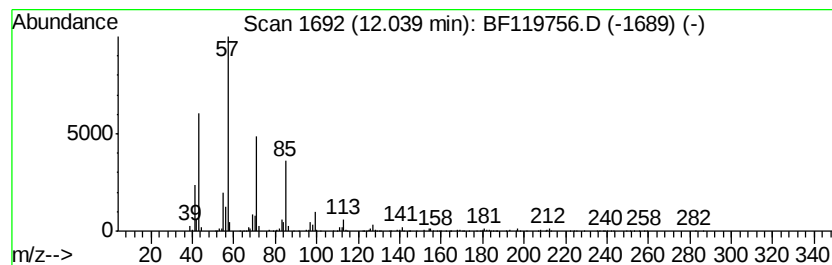
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	10.67 ng	546513	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	87
3		Tetracosane	338	C24H50	000646-31-1	86
4		Tridecane	184	C13H28	000629-50-5	86
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119756.D
Acq On : 4 Apr 2020 10:18
Operator : MA/SJ
Sample : L2122-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-040120

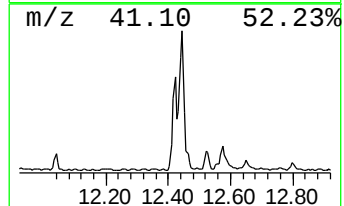
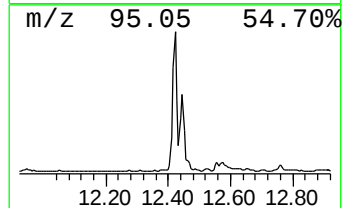
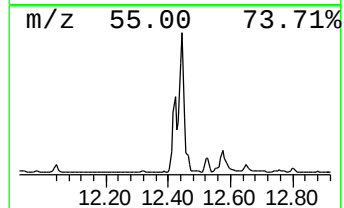
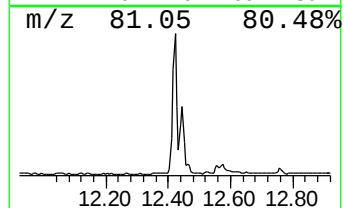
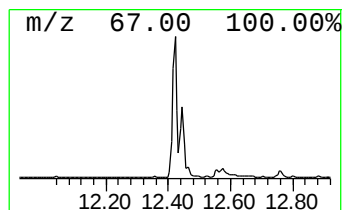
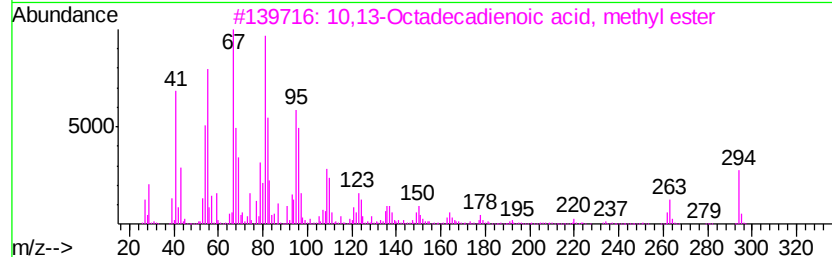
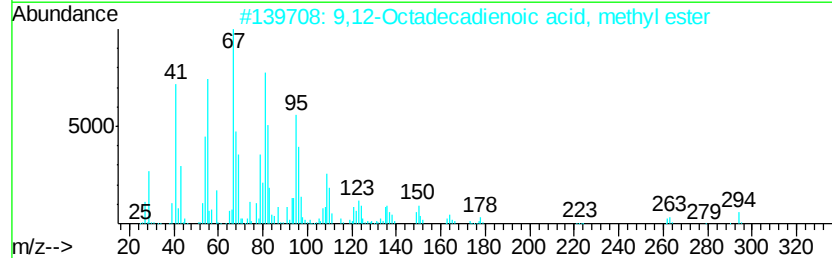
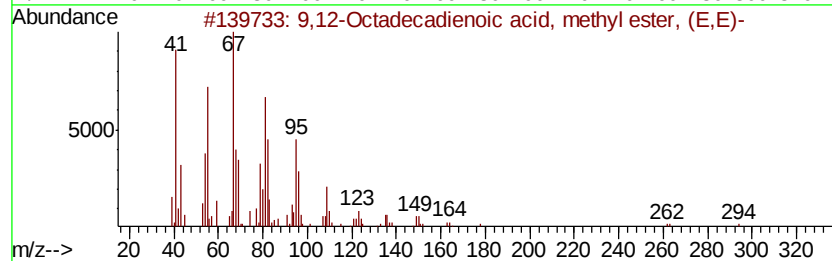
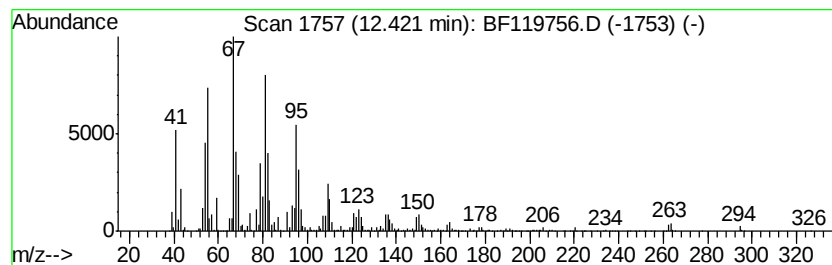
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	109.15 ng	5590560	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119756.D
Acq On : 4 Apr 2020 10:18
Operator : MA/SJ
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Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-040120

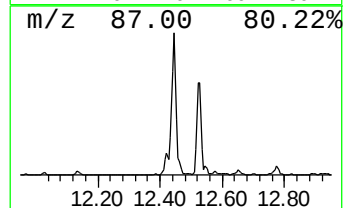
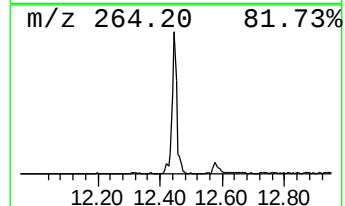
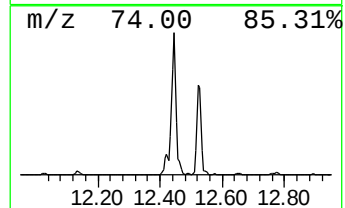
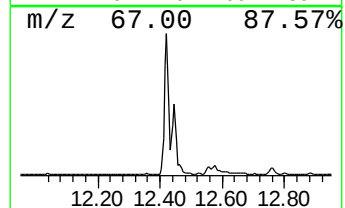
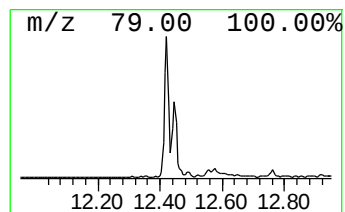
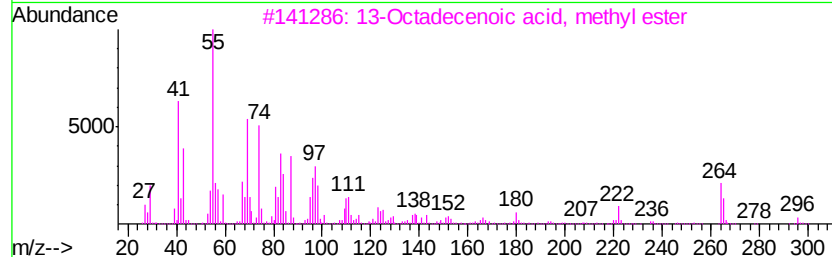
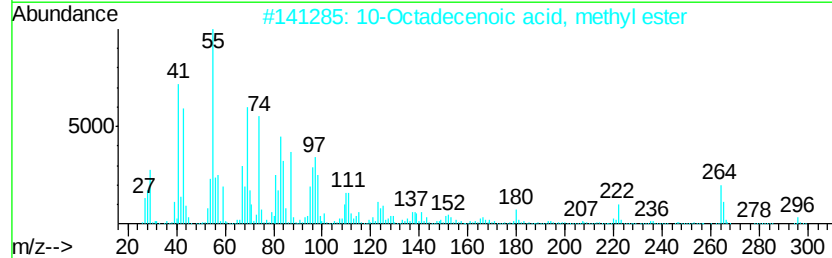
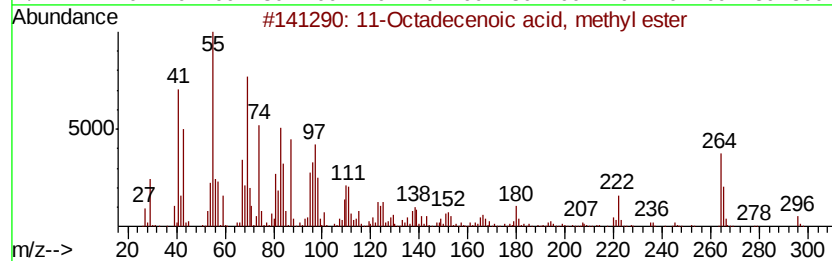
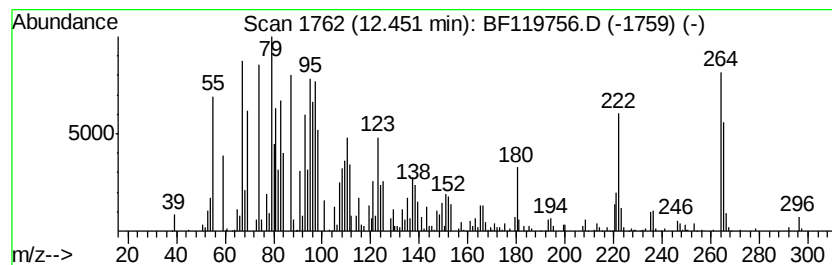
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11-Octadecenoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	126.19 ng	6463090	Phenanthrene-d10	11.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
2			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4			6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
5			8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119756.D
Acq On : 4 Apr 2020 10:18
Operator : MA/SJ
Sample : L2122-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-040120

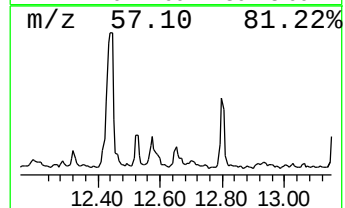
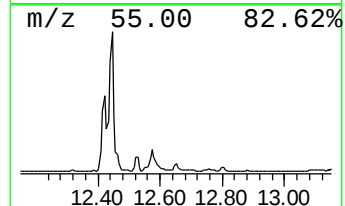
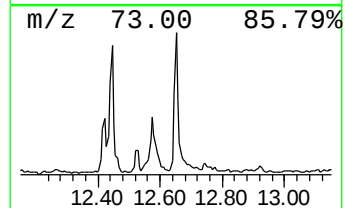
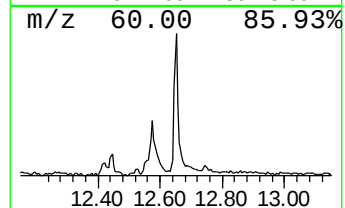
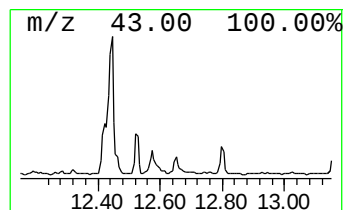
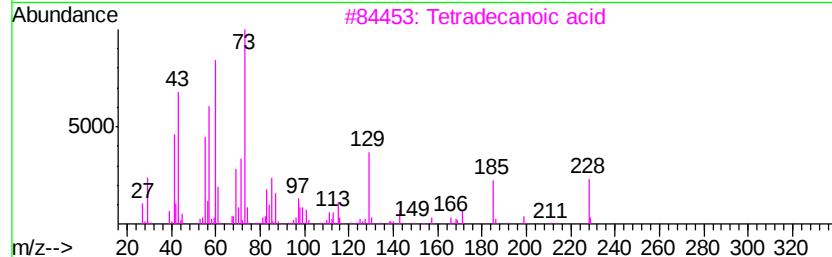
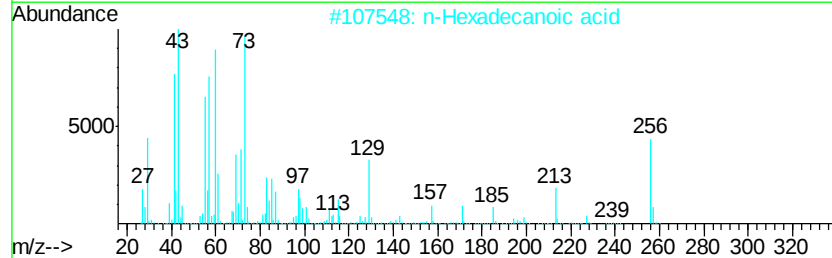
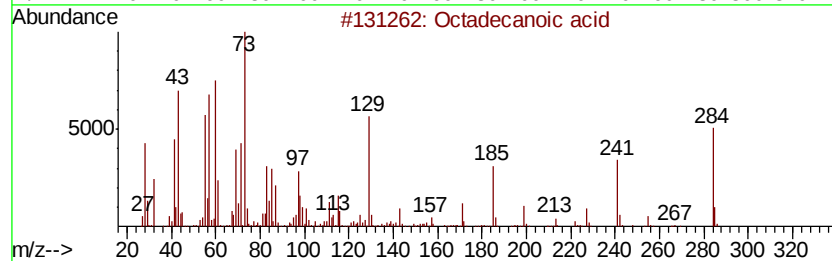
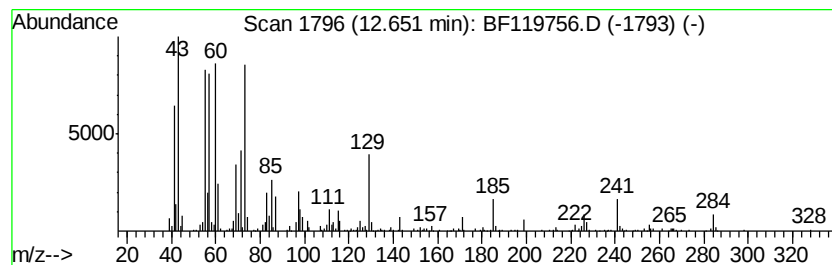
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	8.43 ng	431756	Phenanthrene-d10	11.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4			Tridecanoic acid	214	C13H26O2	000638-53-9	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119756.D
Acq On : 4 Apr 2020 10:18
Operator : MA/SJ
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Misc :
ALS Vial : 45 Sample Multiplier: 1

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ClientSampleId :
SU-01-040120

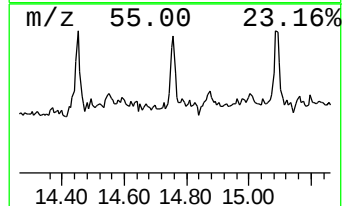
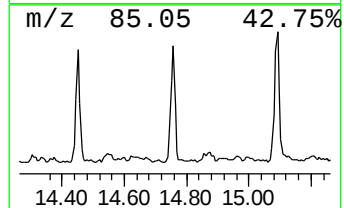
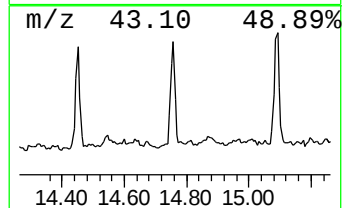
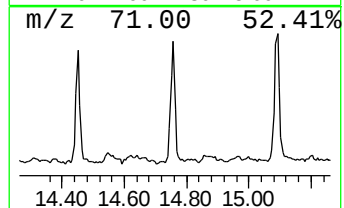
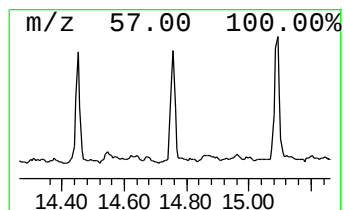
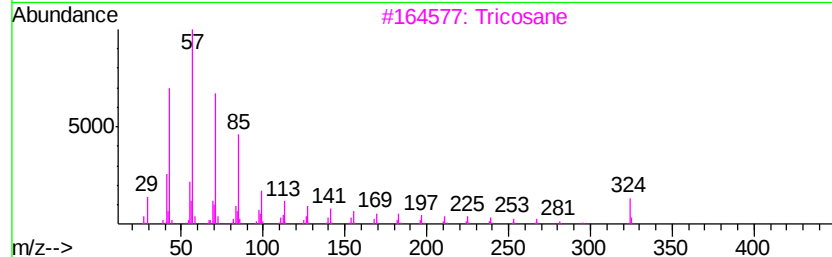
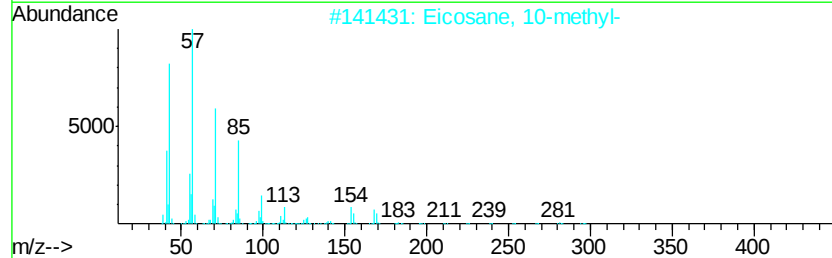
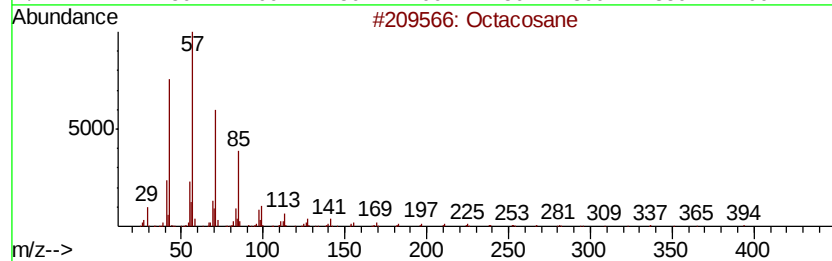
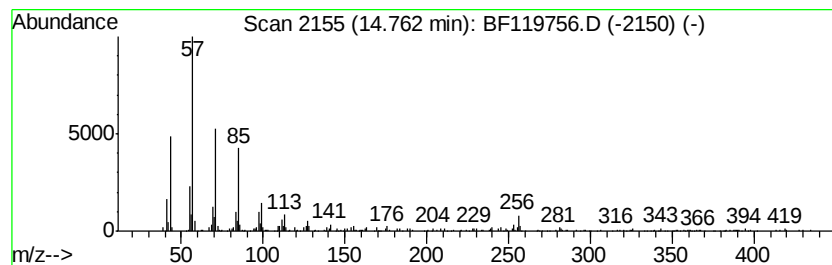
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	13.16 ng	454037	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	95
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3		Tricosane	324	C23H48	000638-67-5	90
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119756.D
Acq On : 4 Apr 2020 10:18
Operator : MA/SJ
Sample : L2122-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-040120

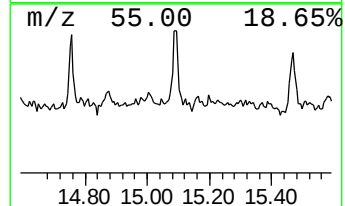
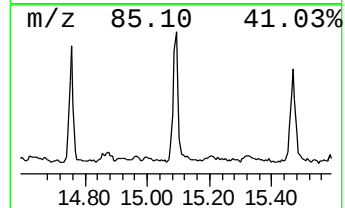
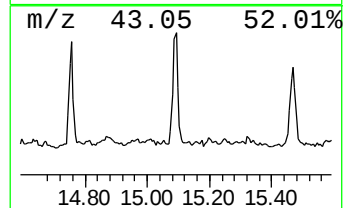
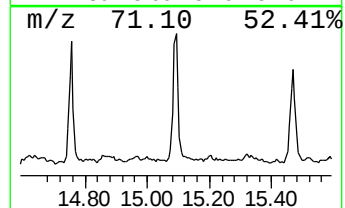
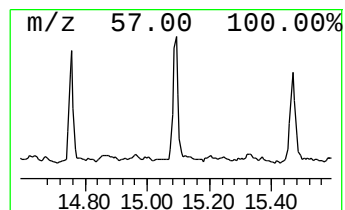
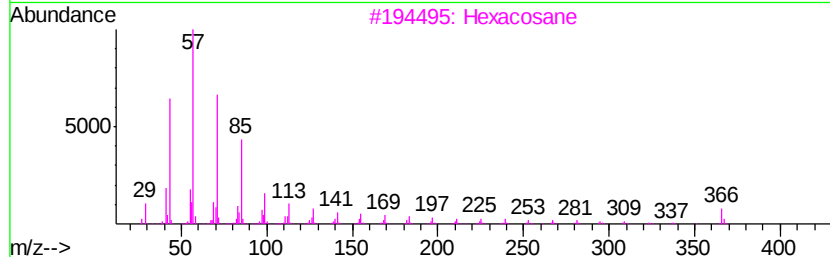
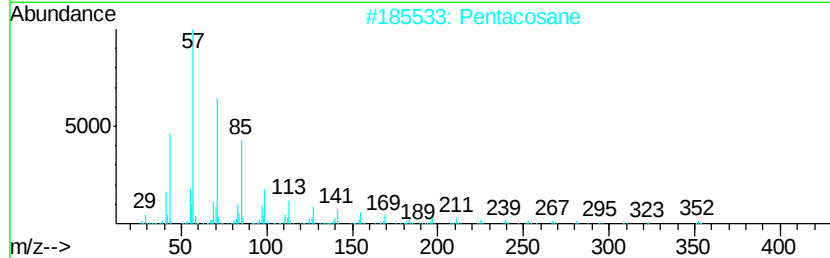
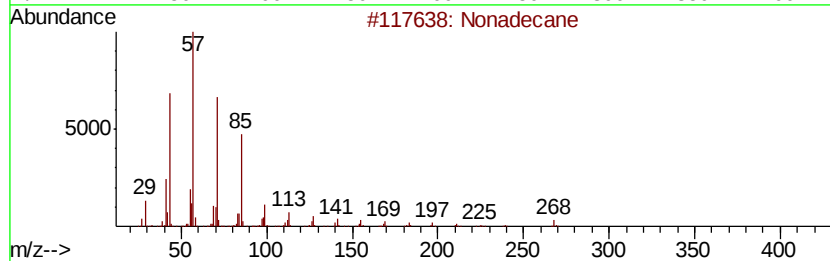
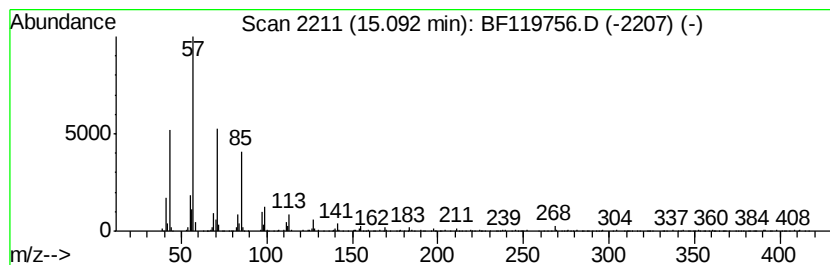
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	14.59 ng	503408	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	96
2		Pentacosane	352	C25H52	000629-99-2	95
3		Hexacosane	366	C26H54	000630-01-3	90
4		Eicosane, 9-octyl-	394	C28H58	013475-77-9	86
5		Eicosane	282	C20H42	000112-95-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119756.D
Acq On : 4 Apr 2020 10:18
Operator : MA/SJ
Sample : L2122-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

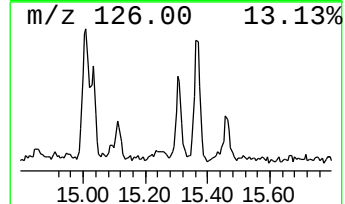
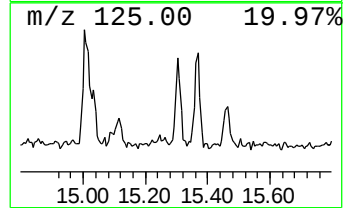
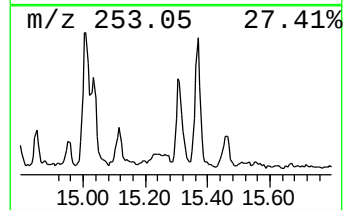
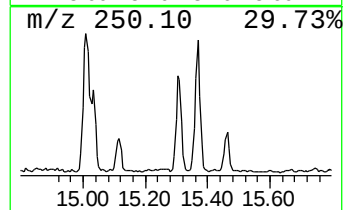
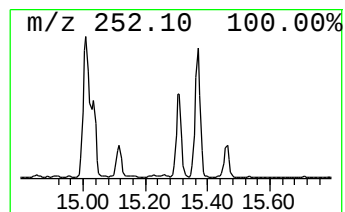
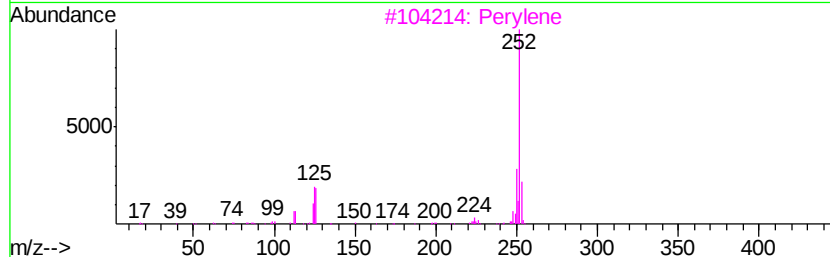
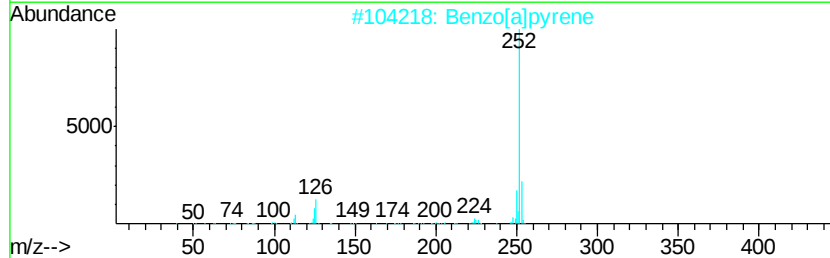
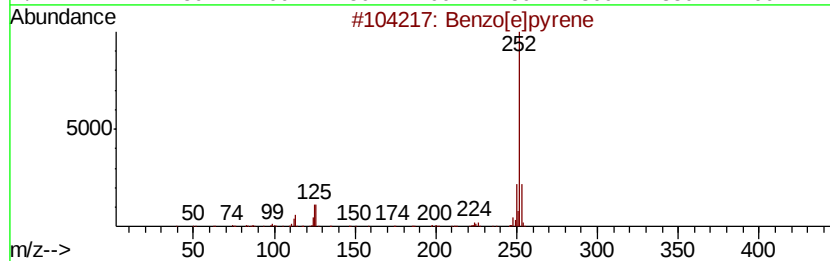
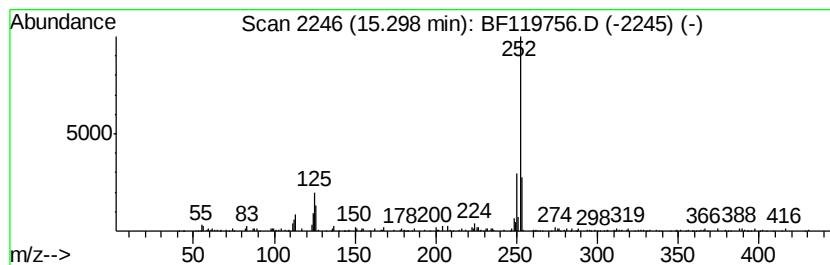
Instrument :
BNA_F
ClientSampleId :
SU-01-040120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	9.05 ng	312411	Perylene-d12	15.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 98
2		Benzo[a]pyrene	252 C20H12	000050-32-8 96
3		Perylene	252 C20H12	000198-55-0 95
4		Benzo[k]fluoranthene	252 C20H12	000207-08-9 94
5		Benz[e]acephenanthrylene	252 C20H12	000205-99-2 94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119756.D
Acq On : 4 Apr 2020 10:18
Operator : MA/SJ
Sample : L2122-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-040120

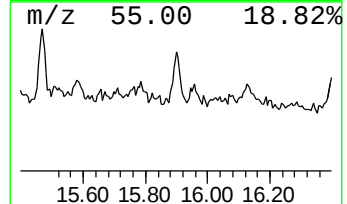
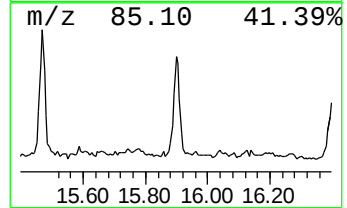
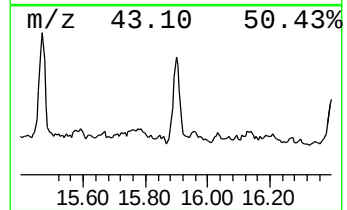
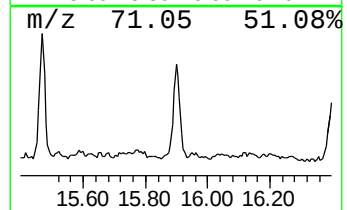
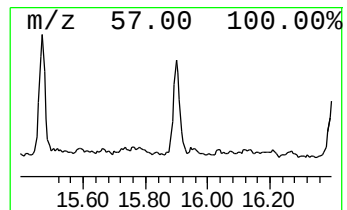
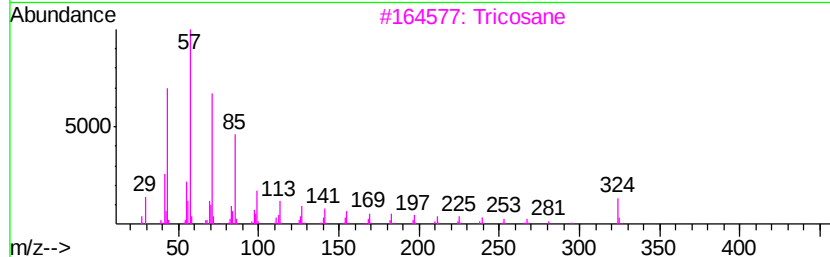
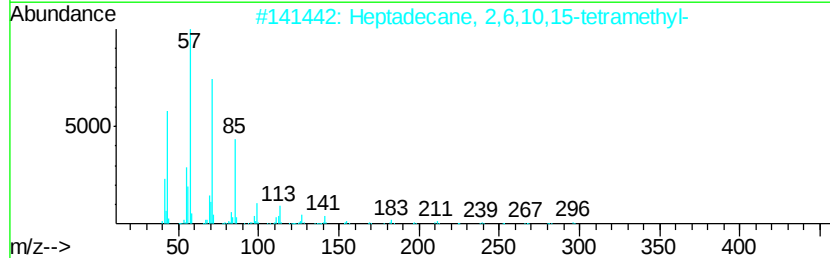
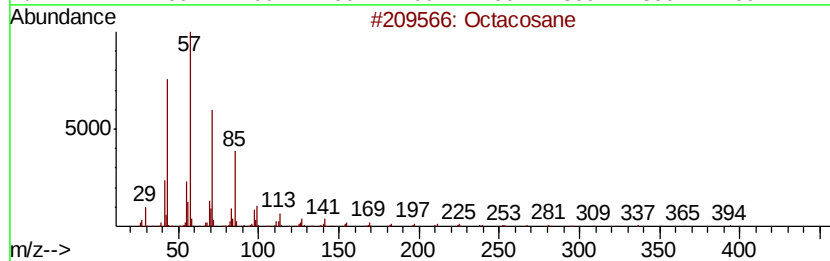
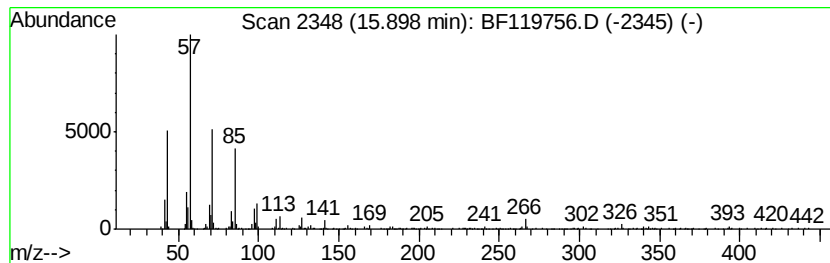
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	10.07 ng	347468	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	97
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3		Tricosane	324	C23H48	000638-67-5	81
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80
5		Hexacosane	366	C26H54	000630-01-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119756.D
 Acq On : 4 Apr 2020 10:18
 Operator : MA/SJ
 Sample : L2122-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-040120

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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
Tetradecane	9.25	13.4	ng	853195	3	9.85	1270600	20.0
Hexadecane	9.78	15.1	ng	961117	3	9.85	1270600	20.0
Pentadecane	10.28	14.9	ng	948529	3	9.85	1270600	20.0
Z-2-Tridecen-1-ol	10.50	9.2	ng	583867	3	9.85	1270600	20.0
Heptadecane	10.76	27.3	ng	1398400	4	11.33	1024350	20.0
Methyl tetradecan...	10.86	10.6	ng	541380	4	11.33	1024350	20.0
Octadecane	11.20	16.1	ng	824804	4	11.33	1024350	20.0
3-Methyl-4-(metho...	11.23	8.4	ng	432186	4	11.33	1024350	20.0
Bacchotricuneatin c	11.63	13.6	ng	695288	4	11.33	1024350	20.0
Hexadecanoic acid...	11.73	44.2	ng	2265010	4	11.33	1024350	20.0
Tridecanoic acid	11.86	13.5	ng	692436	4	11.33	1024350	20.0
Heneicosane	12.04	10.7	ng	546513	4	11.33	1024350	20.0
9,12-Octadecadien...	12.42	109.2	ng	5590560	4	11.33	1024350	20.0
11-Octadecenoic a...	12.45	126.2	ng	6463090	4	11.33	1024350	20.0
Octadecanoic acid	12.65	8.4	ng	431756	4	11.33	1024350	20.0
Octacosane	14.76	13.2	ng	454037	6	15.43	690246	20.0
Nonadecane	15.09	14.6	ng	503408	6	15.43	690246	20.0
Benzo[e]pyrene	15.30	9.1	ng	312411	6	15.43	690246	20.0
Heptadecane, 2,6,...	15.90	10.1	ng	347468	6	15.43	690246	20.0