LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF114992.D
Acq On : 13 Jun 2019 9:59
Operator : HP/JU
Sample : K3159-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-061119-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BF061219.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	3.569	246	252	260	rVB	60992	98755	3.13%	0.181%
2	5.251	533	538	541	rBV	2971023	2669243	84.54%	4.881%
3	6.287	709	714	729	rBV	3054649	2826449	89.52%	5.169%
4	6.416	731	736	739	rBV	3203034	2968101	94.00%	5.428%
5	6.645	771	775	779	rBV	2150402	1704988	54.00%	3.118%
6	6.804	798	802	805	rBV	2613718	2335625	73.97%	4.271%
7	7.204	866	870	873	rBV	1943342	1735490	54.96%	3.174%
8	7.928	988	993	995	rBV	2699909	2252055	71.32%	4.118%
9	7.945	995	996	1000	rVB	276348	203660	6.45%	0.372%
10	8.639	1110	1114	1117	rBV	146269	122418	3.88%	0.224%
11	8.733	1125	1130	1135	rBV	131043	117495	3.72%	0.215%
12	9.004	1171	1176	1179	rBV	3624093	3157496	100.00%	5.774%
13	9.098	1187	1192	1196	rVB2	51692	52254	1.65%	0.096%
14	9.269	1216	1221	1224	rBV2	65320	95563	3.03%	0.175%
15	9.333	1229	1232	1235	rVV	112521	123250	3.90%	0.225%
16	9.363	1235	1237	1239	rVV	91785	75181	2.38%	0.137%
17	9.398	1239	1243	1245	rVV	412461	373803	11.84%	0.684%
18	9.451	1249	1252	1258	rVB	65648	79118	2.51%	0.145%
19	9.533	1263	1266	1270	rBV	95886	85463	2.71%	0.156%
20	9.675	1284	1290	1293	rBV	2883575	2495582	79.04%	4.563%
21	9.704	1293	1295	1299	rVB	405534	316015	10.01%	0.578%
22	9.780	1304	1308	1313	rBV2	44078	62539	1.98%	0.114%
23	9.827	1313	1316	1320	rBV3	27406	43555	1.38%	0.080%
24	9.874	1320	1324	1329	rVV	252337	262547	8.32%	0.480%
25	9.916	1329	1331	1334	rVB	63725	52344	1.66%	0.096%
26	9.992	1340	1344	1346	rBV2	54071	55076	1.74%	0.101%
27	10.016	1346	1348	1351	rVB	38530	35019	1.11%	0.064%
28	10.080	1355	1359	1364	rBV4	44048	74835	2.37%	0.137%
29	10.174	1371	1375	1379	rBV5	36162	48133	1.52%	0.088%
30	10.216	1379	1382	1385	rBV	430465	347135	10.99%	0.635%
31	10.280	1389	1393	1395	rBV	55504	63081	2.00%	0.115%
32	10.304	1395	1397	1399	rVB2	52946	39041	1.24%	0.071%
33	10.345	1399	1404	1407	rBV4	53474	71116	2.25%	0.130%
34	10.374	1407	1409	1415	rVB2	86271	96708	3.06%	0.177%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3159-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-061119-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BF061219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.457	1419	1423	1428	rBV	2007210	1804511	57.15%	3.300%
36	10.586	1442	1445	1447	rBV3	65862	79995	2.53%	0.146%
37	10.610	1447	1449	1453	rVB	51998	40776	1.29%	0.075%
38	10.763	1469	1475	1477	rBV2	87409	114666	3.63%	0.210%
39	10.792	1477	1480	1483	rVV3	72023	86837	2.75%	0.159%
40	10.845	1487	1489	1492	rVB2	52305	47671	1.51%	0.087%
41	10.957	1506	1508	1512	rVB3	33196	34699	1.10%	0.063%
42	11.004	1513	1516	1518	rVV2	34441	37817	1.20%	0.069%
43	11.045	1519	1523	1525	rVV	151636	146848	4.65%	0.269%
44	11.069	1525	1527	1533	rVB	69165	68287	2.16%	0.125%
45	11.145	1537	1540	1543	rBV	2189950	2302475	72.92%	4.210%
46	11.169	1543	1544	1548	rVV	1668821	1228870	38.92%	2.247%
47	11.221	1548	1553	1557	rVB	490074	417160	13.21%	0.763%
48	11.257	1557	1559	1563	rBV2	50777	60367	1.91%	0.110%
49	11.374	1577	1579	1582	rBV	128883	103154	3.27%	0.189%
50	11.474	1592	1596	1600	rVB2	73450	87950	2.79%	0.161%
51	11.557	1608	1610	1614	rVB	57832	61180	1.94%	0.112%
52	11.645	1622	1625	1628	rBV	225389	213454	6.76%	0.390%
53	11.674	1628	1630	1632	rVV	298103	263560	8.35%	0.482%
54	11.692	1632	1633	1636	rVV	313963	284198	9.00%	0.520%
55	11.721	1636	1638	1641	rVV	134752	127400	4.03%	0.233%
56	11.757	1641	1644	1646	rVV	423723	399087	12.64%	0.730%
57	11.780	1646	1648	1651	rVB	163553	131714	4.17%	0.241%
58	11.880	1661	1665	1668	rVB3	38322	53141	1.68%	0.097%
59	11.939	1672	1675	1677	rVV	126717	124445	3.94%	0.228%
60	11.963	1677	1679	1683	rVB2	81805	86944	2.75%	0.159%
61	12.074	1695	1698	1699	rBV2	40865	36606	1.16%	0.067%
62	12.121	1703	1706	1708	rVV	70271	72530	2.30%	0.133%
63	12.145	1708	1710	1713	rVB3	66191	51282	1.62%	0.094%
64	12.192	1715	1718	1721	rBV	160315	178598	5.66%	0.327%
65	12.227	1721	1724	1727	rVV2	97959	135425	4.29%	0.248%
66	12.274	1730	1732	1737	rVB3	66733	93486	2.96%	0.171%
67	12.351	1742	1745	1749	rVV	1719117	1420619	44.99%	2.598%
68	12.404	1751	1754	1759	rVV3	56292	83929	2.66%	0.153%
69	12.474	1764	1766	1769	rBV2	159951	190408	6.03%	0.348%
70	12.574	1778	1783	1786	rBV	1371155	1467586	46.48%	2.684%
71	12.598	1786	1787	1790	rVB2	69808	55196	1.75%	0.101%

LSC Area Percent Report

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Sample : K3159-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : OR-03-061119-A

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.627	1790	1792	1794	rBV	61404	57896	1.83%	0.106%
73	12.698	1801	1804	1806	rBV	87622	75807	2.40%	0.139%
74	12.727	1806	1809	1816	rVB	2551203	2184485	69.18%	3.995%
75	12.798	1816	1821	1824	rBV3	109605	166961	5.29%	0.305%
76	12.904	1837	1839	1843	rVB	280232	255401	8.09%	0.467%
77	12.974	1848	1851	1854	rVV	239840	211644	6.70%	0.387%
78	13.010	1854	1857	1859	rBV	157882	152650	4.83%	0.279%
79	13.098	1869	1872	1875	rBV	116252	103991	3.29%	0.190%
80	13.127	1875	1877	1883	rBV	107230	117412	3.72%	0.215%
81	13.174	1883	1885	1887	rVB2	48630	38580	1.22%	0.071%
82	13.321	1907	1910	1913	rVB3	93001	105799	3.35%	0.193%
83	13.515	1940	1943	1946	rBV2	135827	167259	5.30%	0.306%
84	13.545	1946	1948	1950	rVV	77532	66699	2.11%	0.122%
85	13.568	1950	1952	1954	rVV	54886	42356	1.34%	0.077%
86	13.645	1962	1965	1970	rVB2	250266	253290	8.02%	0.463%
87	13.768	1981	1986	1989	rBV2	2123061	2492195	78.93%	4.557%
88	13.792	1989	1990	1998	rVB	669039	489080	15.49%	0.894%
89	13.874	2002	2004	2007	rVB	118174	87689	2.78%	0.160%
90	13.962	2015	2019	2022	rBV2	429051	401861	12.73%	0.735%
91	14.262	2067	2070	2074	rVB	646128	617090	19.54%	1.128%
92	14.557	2117	2120	2125	rBV	1083054	1107151	35.06%	2.025%
93	14.762	2152	2155	2165	rVB	568618	1070218	33.89%	1.957%
94	14.862	2168	2172	2177	rVB	1283191	1320502	41.82%	2.415%
95	15.033	2198	2201	2206	rVV	328246	375578	11.89%	0.687%
96	15.092	2207	2211	2216	rVV	491738	612317	19.39%	1.120%
97	15.151	2216	2221	2224	rVV	1384619	1676287	53.09%	3.065%
98	15.204	2226	2230	2241	rVB	1142045	1453889	46.05%	2.659%
99	15.592	2291	2296	2300	rBV	745298	1047224	33.17%	1.915%
100	16.039	2367	2372	2379	rBV	358077	602664	19.09%	1.102%

Sum of corrected areas: 54685979

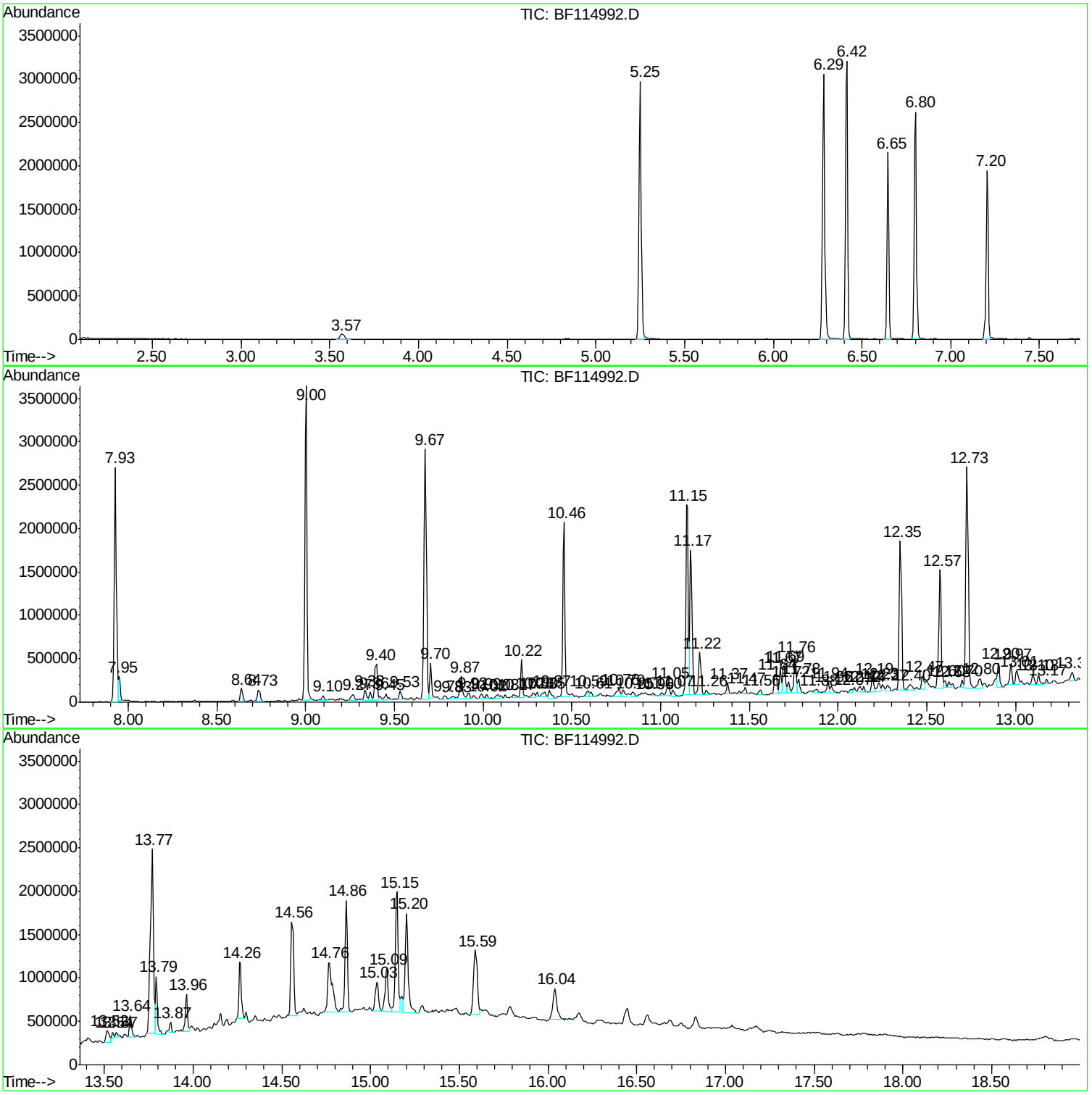
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF114992.D
Acq On : 13 Jun 2019 9:59
Operator : HP/JU
Sample : K3159-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-061119-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF114992.D
Acq On : 13 Jun 2019 9:59
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Sample : K3159-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : OR-03-061119-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

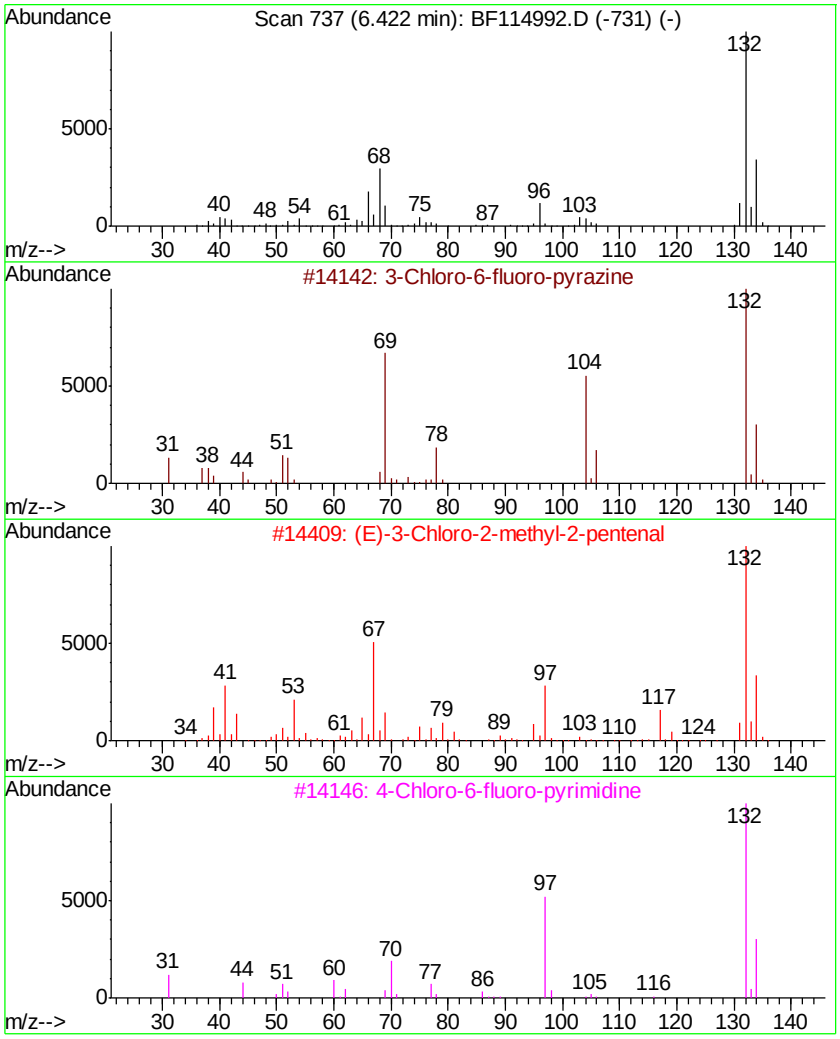
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

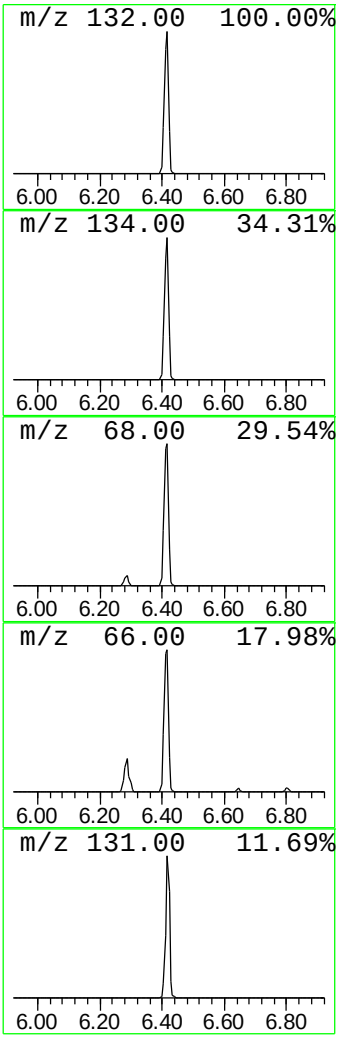
****

Peak Number 1 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	34.82 ng	2968100	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
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Instrument : BNA_F
ClientSampleId : OR-03-061119-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

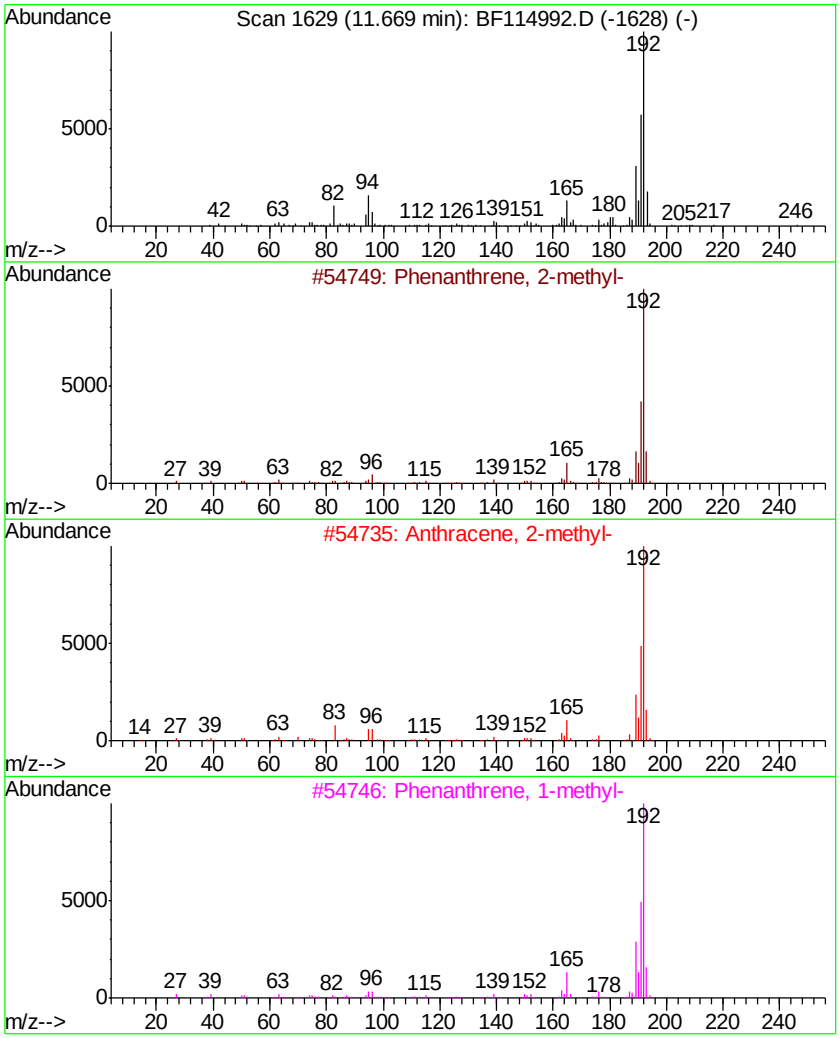
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

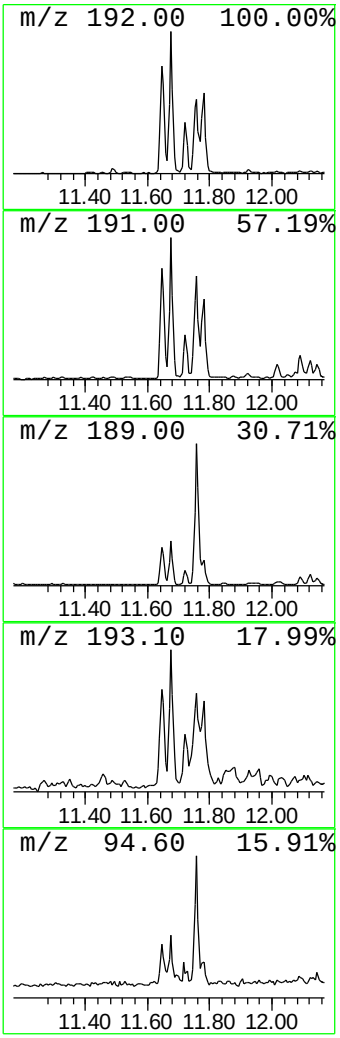
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	2.29 ng	263560	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94





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Instrument : BNA_F
ClientSampleId : OR-03-061119-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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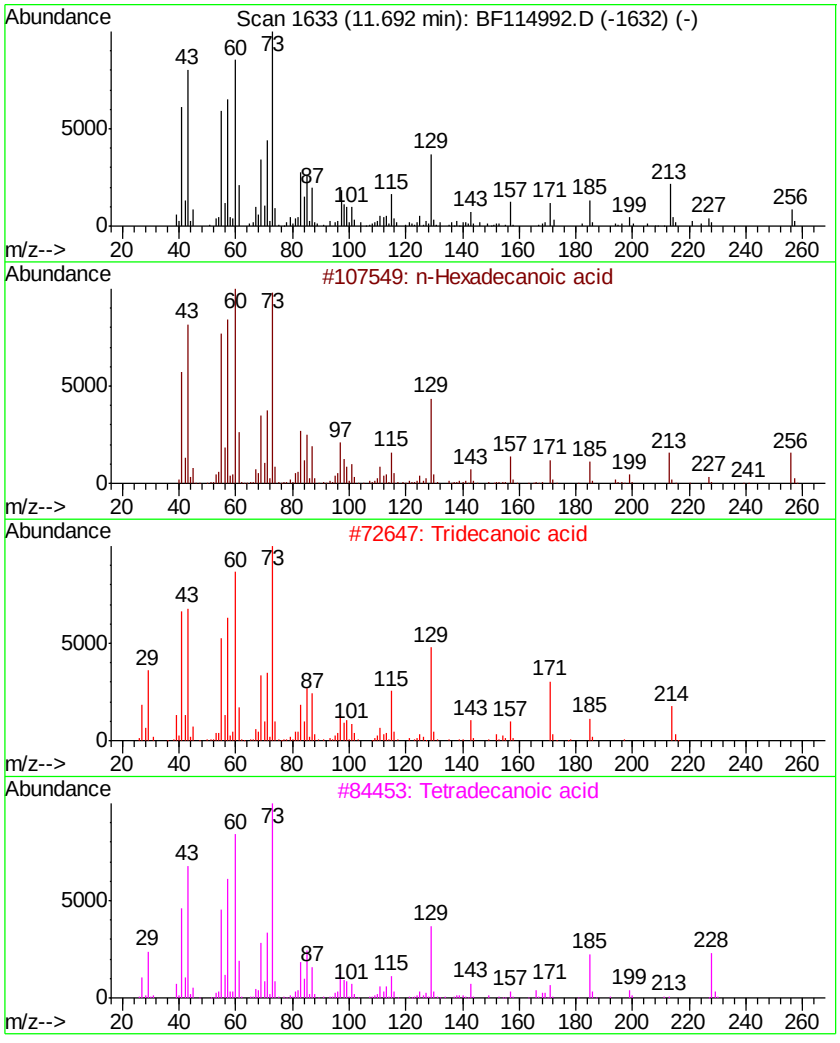
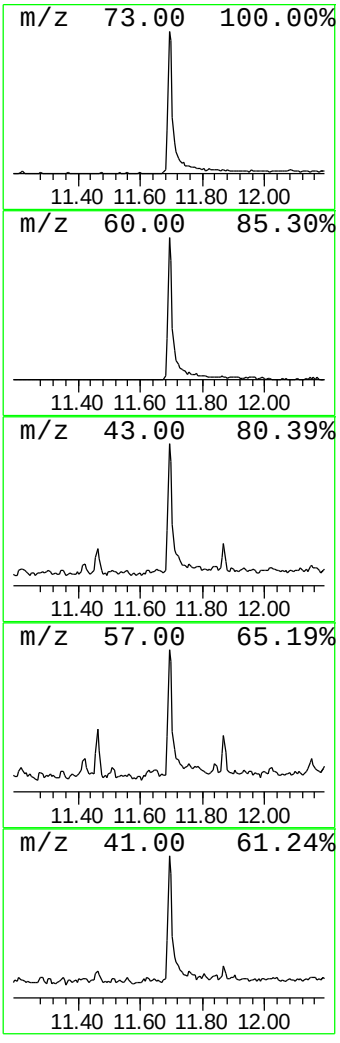
Peak Number 6 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	2.47 ng	284198	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





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Sample : K3159-01 2X
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Instrument : BNA_F
ClientSampleId : OR-03-061119-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

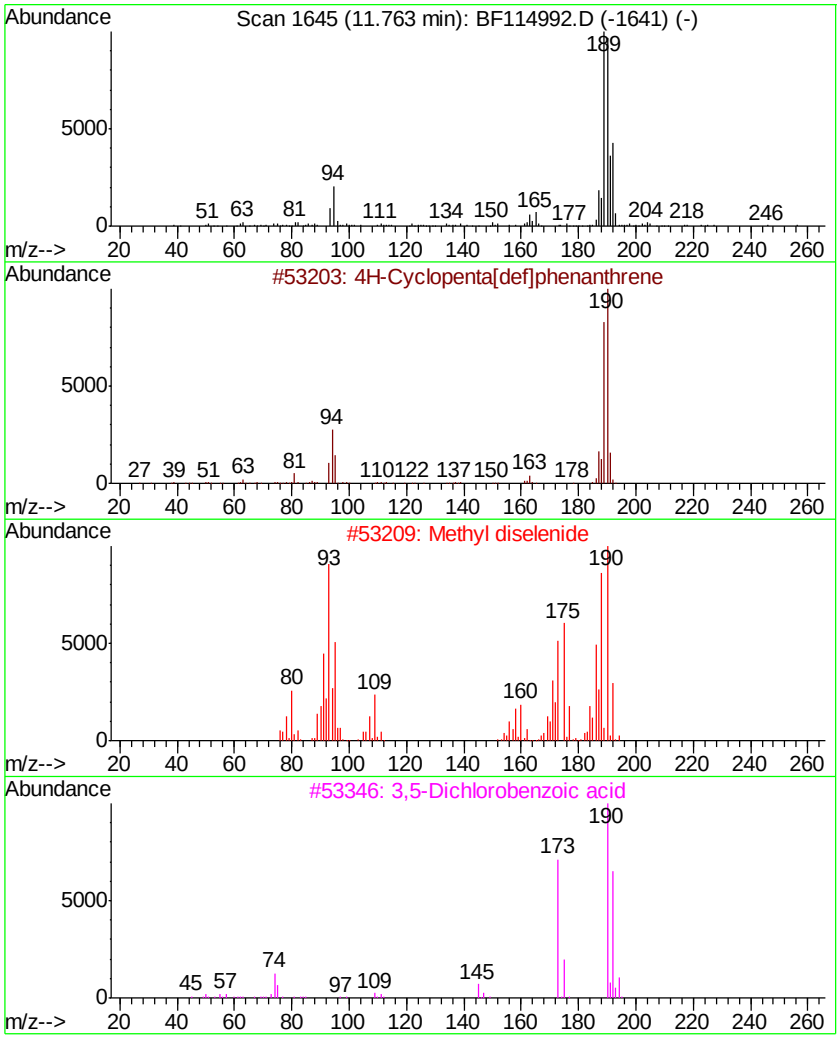
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

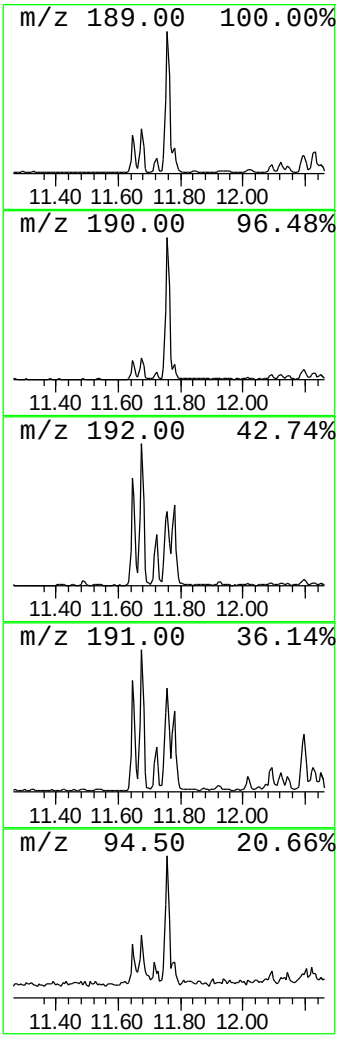
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	3.47 ng	399087	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Methyl diselenide	190	C2H6Se2	007101-31-7	43
3	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	30
4	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF114992.D
Acq On : 13 Jun 2019 9:59
Operator : HP/JU
Sample : K3159-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-061119-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

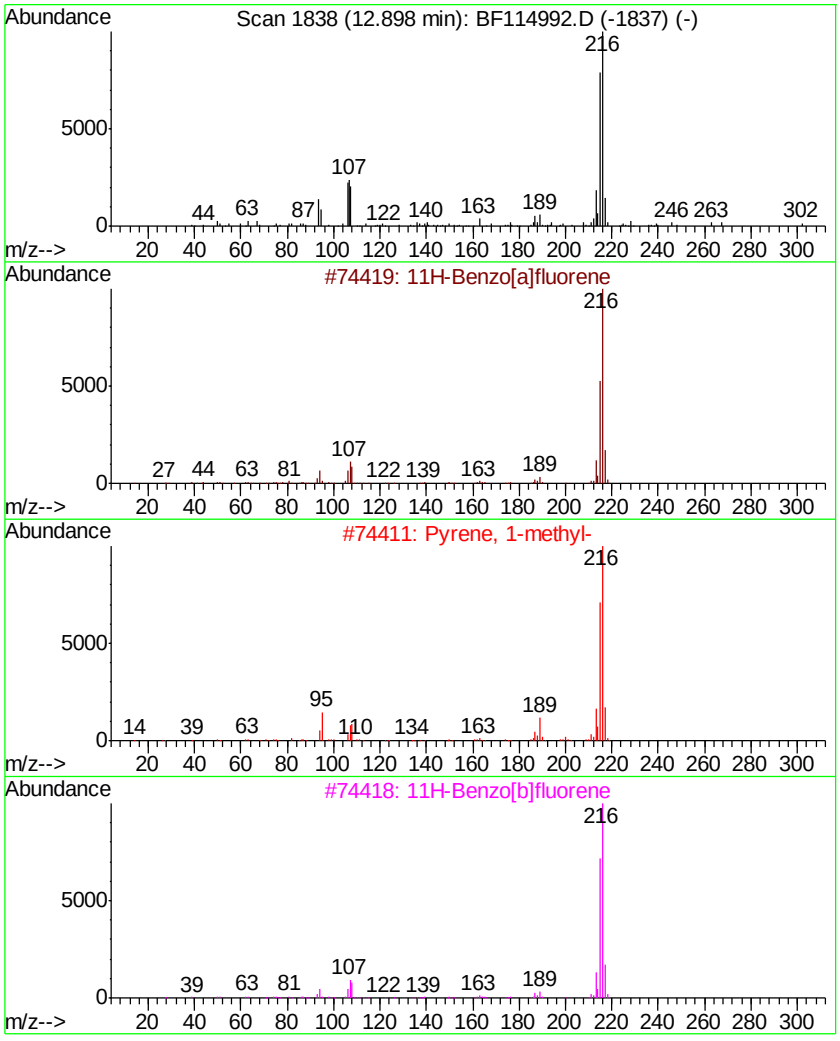
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

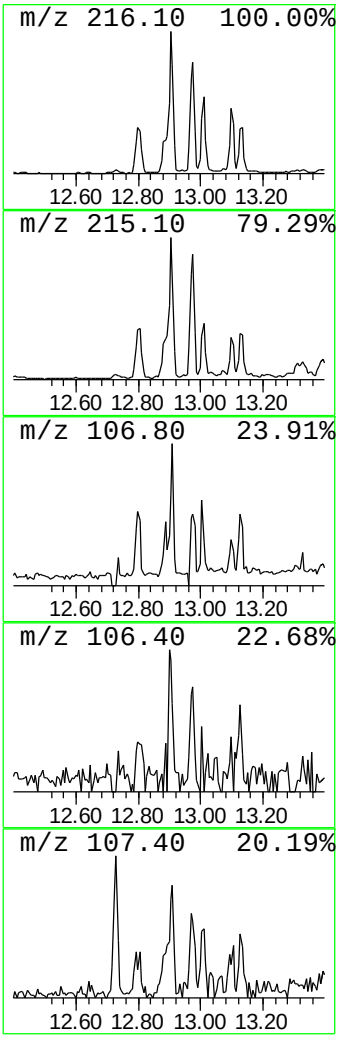
****

Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	2.05 ng	255401	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF114992.D
Acq On : 13 Jun 2019 9:59
Operator : HP/JU
Sample : K3159-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-061119-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.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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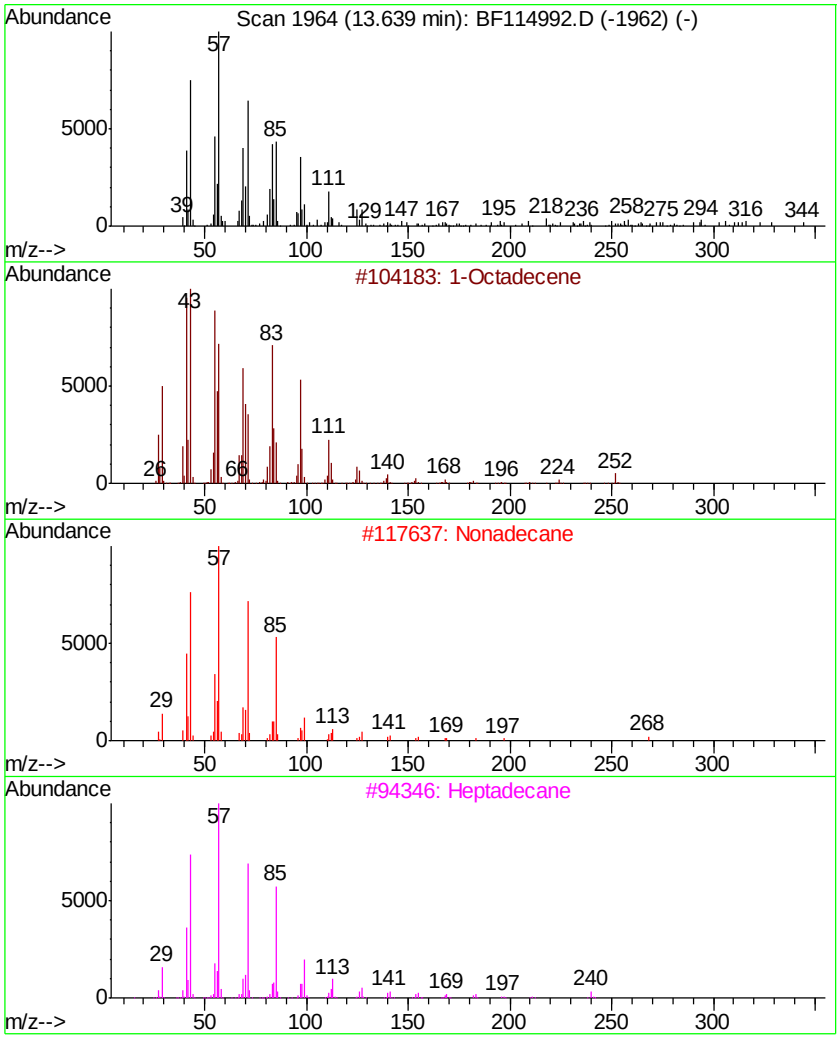
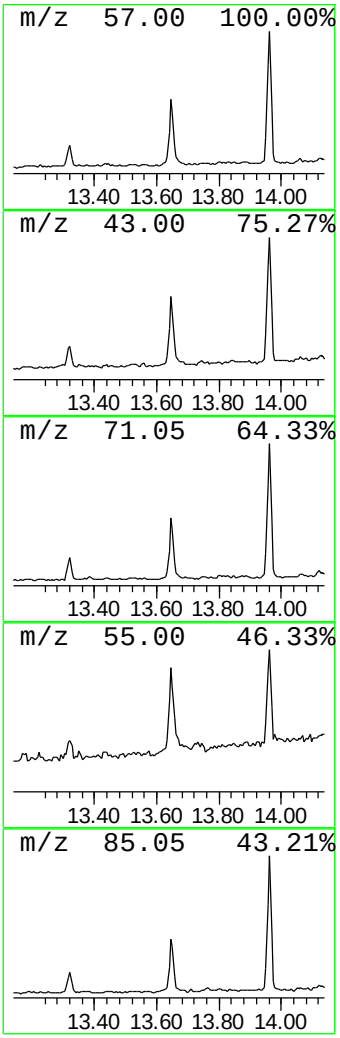
Peak Number 9 1-Octadecene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	2.03 ng	253290	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	93
2	Nonadecane	268	C19H40	000629-92-5	93
3	Heptadecane	240	C17H36	000629-78-7	93
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90
5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	87





Library Search Compound Report

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Data File : BF114992.D
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Operator : HP/JU
Sample : K3159-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-061119-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.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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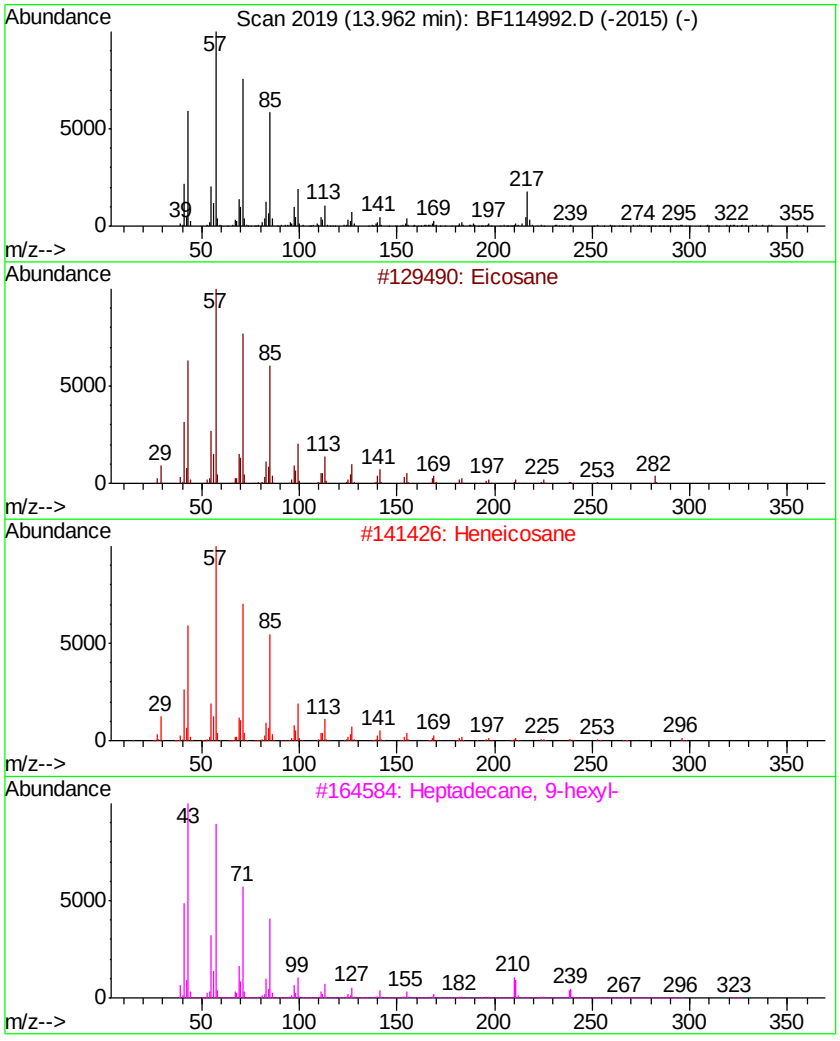
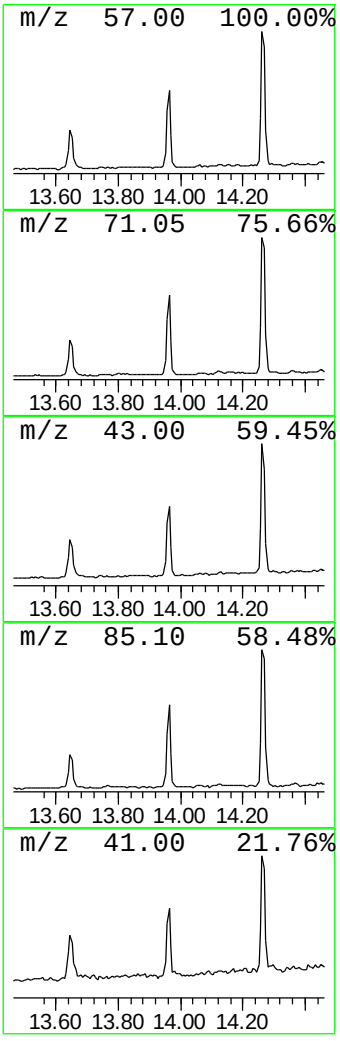
Peak Number 10 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	3.22 ng	401861	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	81
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80
5	Nonadecane	268	C19H40	000629-92-5	80





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Sample : K3159-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId : OR-03-061119-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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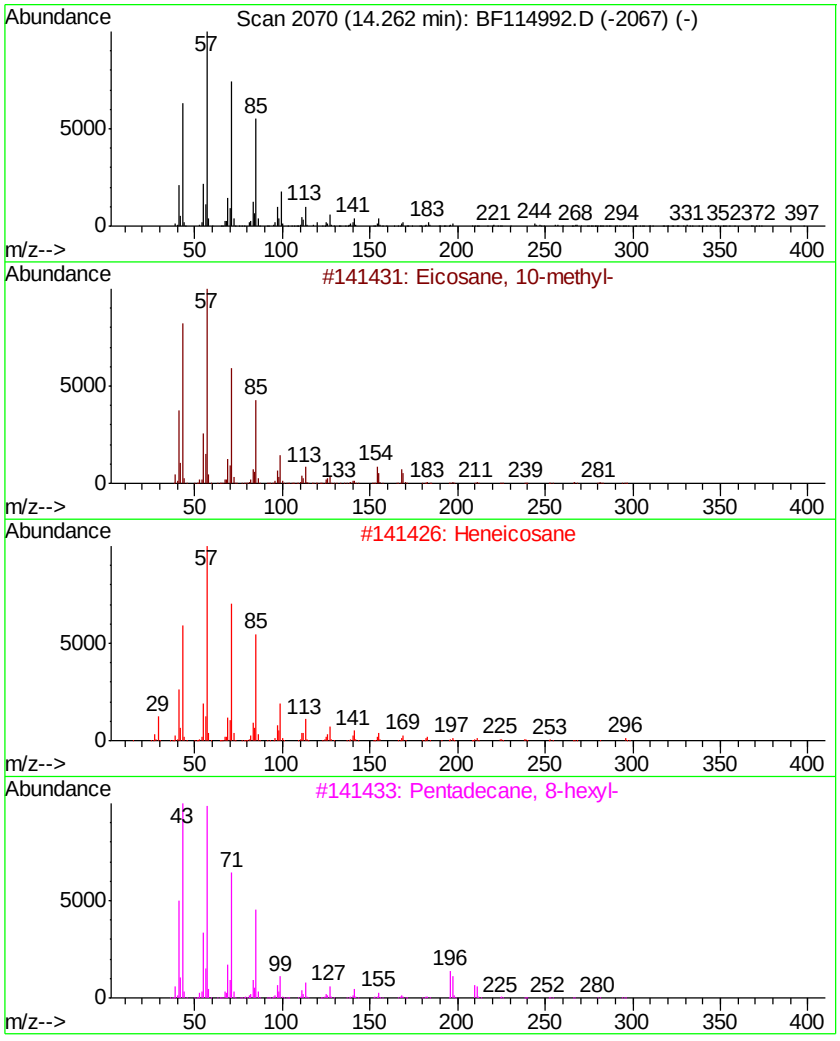
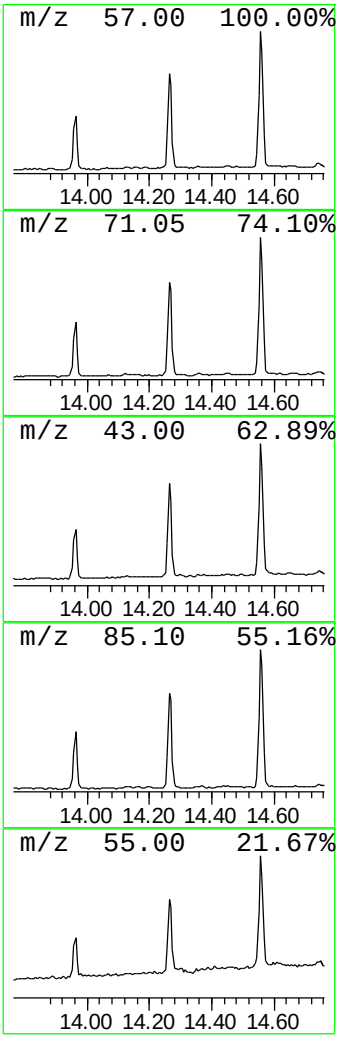
Peak Number 11 Eicosane, 10-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	4.95 ng	617090	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4	Octacosane	394	C28H58	000630-02-4	87
5	Heptacosane	380	C27H56	000593-49-7	83





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Acq On : 13 Jun 2019 9:59
Operator : HP/JU
Sample : K3159-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-061119-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.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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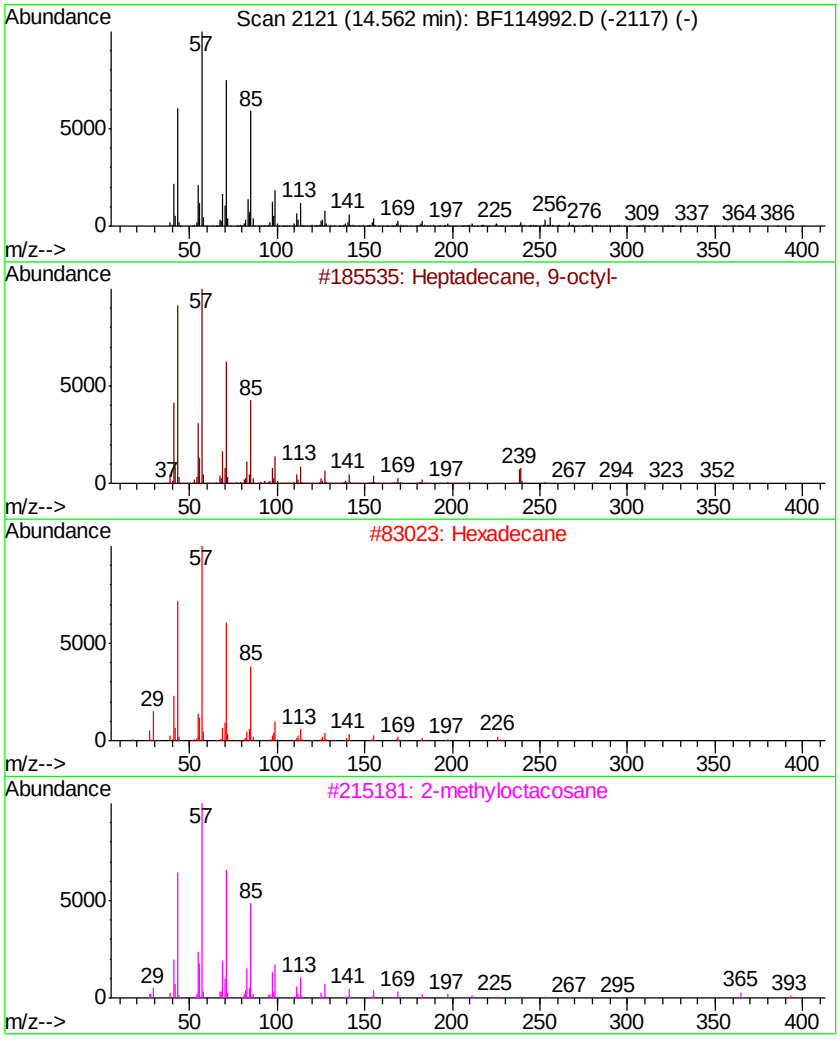
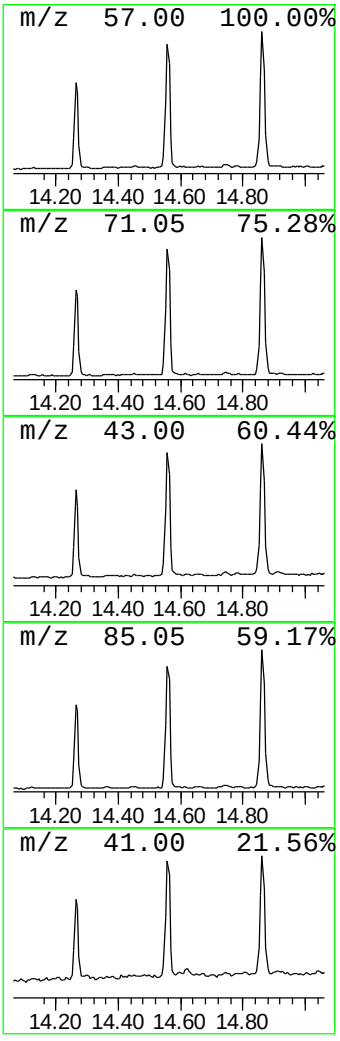
Peak Number 12 Heptadecane, 9-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	13.21 ng	1107150	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Hexadecane	226	C16H34	000544-76-3	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Acq On : 13 Jun 2019 9:59
Operator : HP/JU
Sample : K3159-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-061119-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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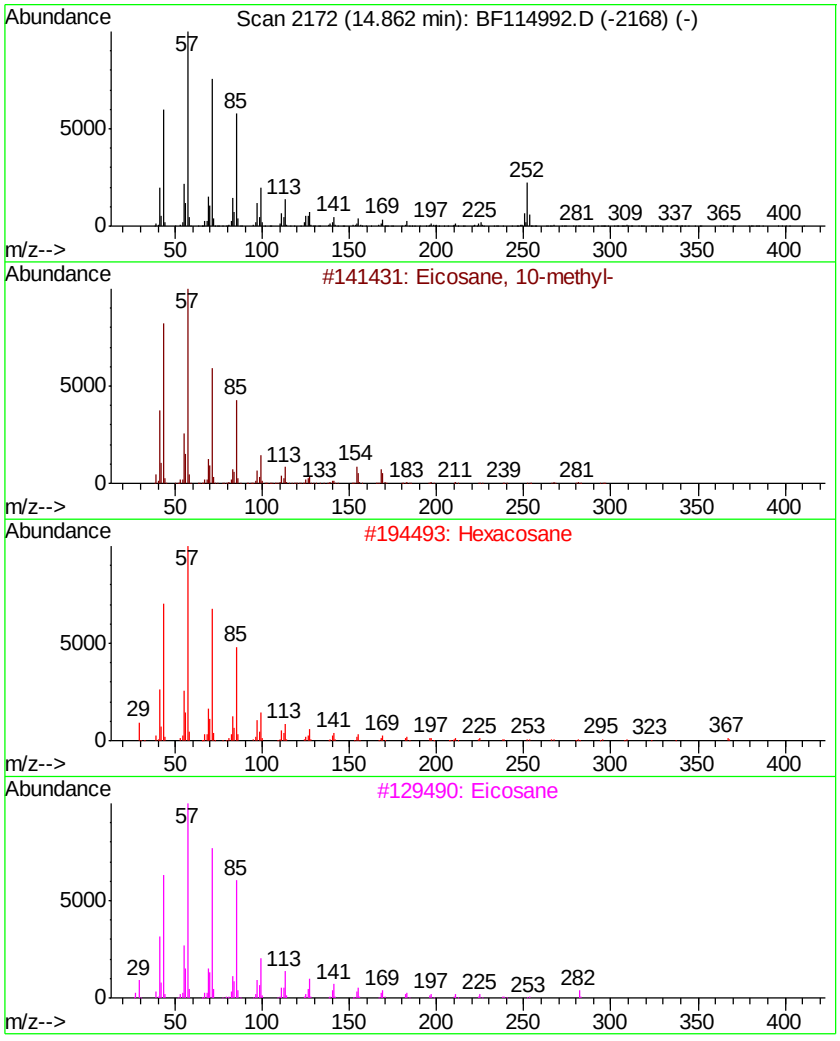
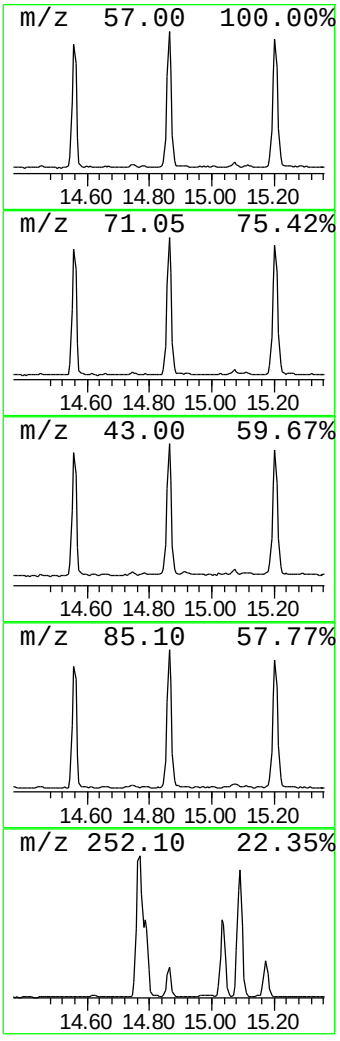
Peak Number 13 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	15.76 ng	1320500	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
2	Hexacosane	366	C26H54	000630-01-3	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Heptadecane	240	C17H36	000629-78-7	87
5	Heneicosane	296	C21H44	000629-94-7	87





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Acq On : 13 Jun 2019 9:59
Operator : HP/JU
Sample : K3159-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-061119-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.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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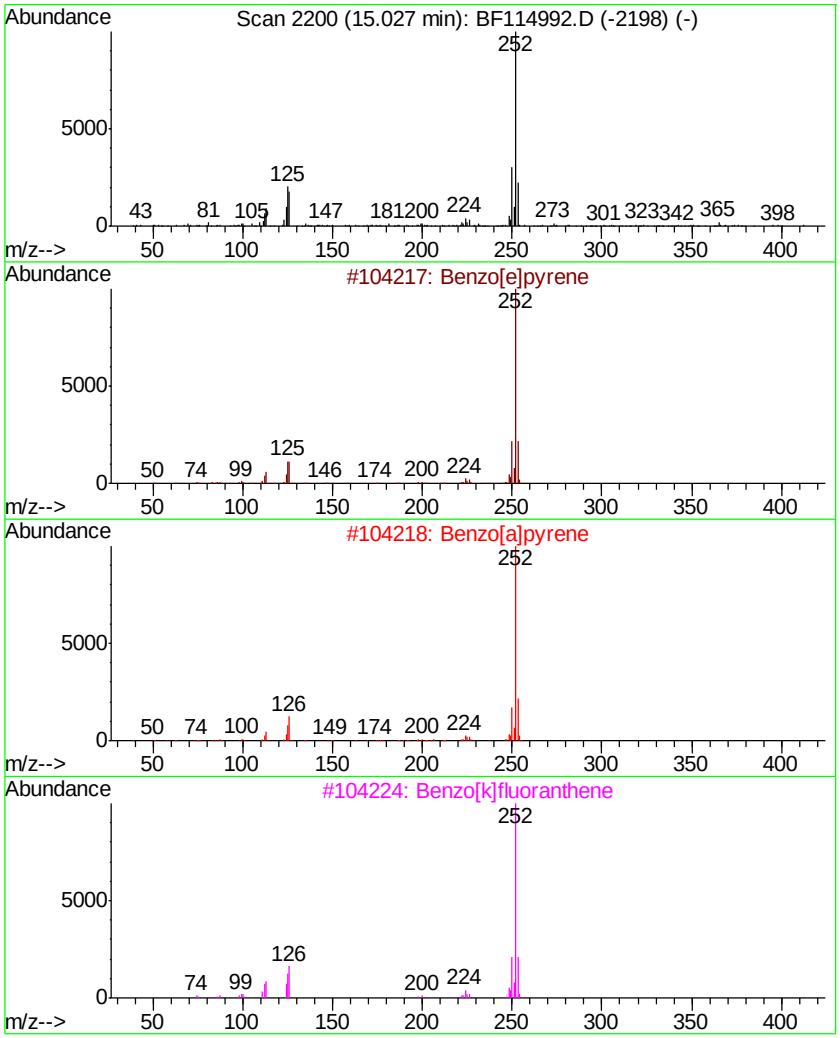
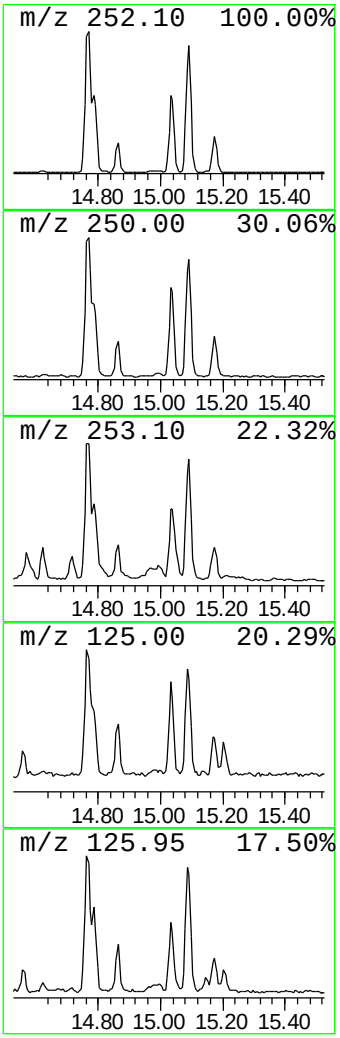
Peak Number 14 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	4.48 ng	375578	Perylene-d12	15.15

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	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
5	Perylene	252	C20H12	000198-55-0	89





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Acq On : 13 Jun 2019 9:59
Operator : HP/JU
Sample : K3159-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-061119-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.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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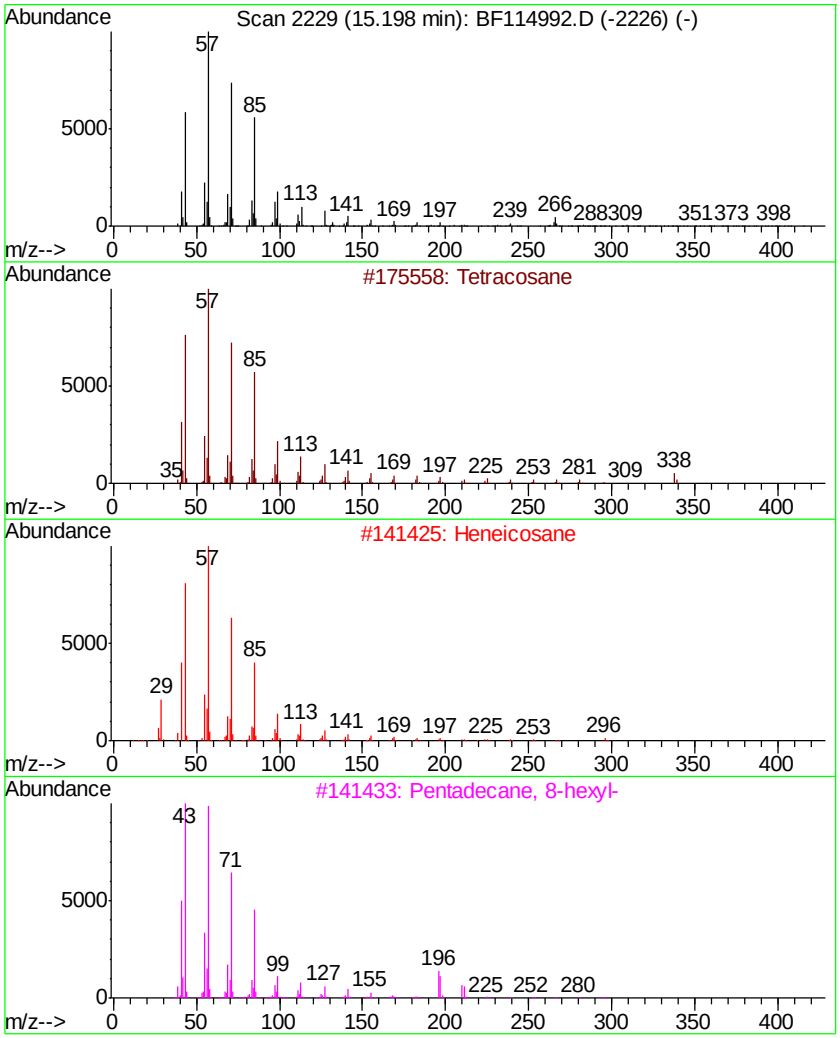
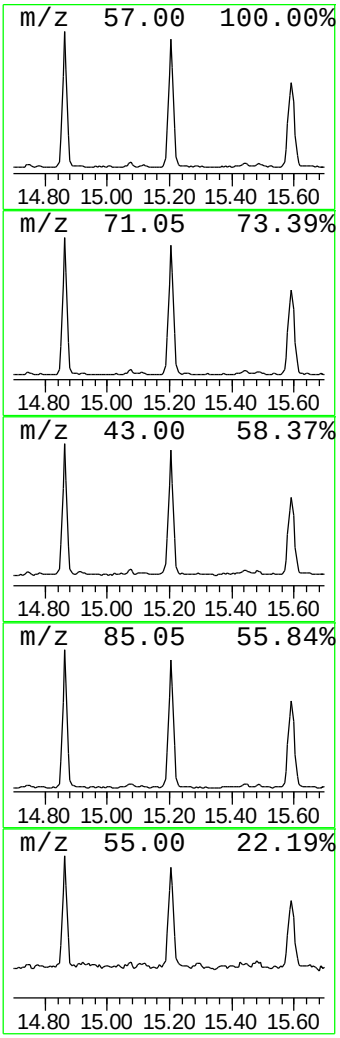
Peak Number 15 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	17.35 ng	1453890	Perylene-d12	15.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heneicosane	296	C21H44	000629-94-7	97
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	96
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	95
5	Eicosane	282	C20H42	000112-95-8	94





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Sample : K3159-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-061119-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.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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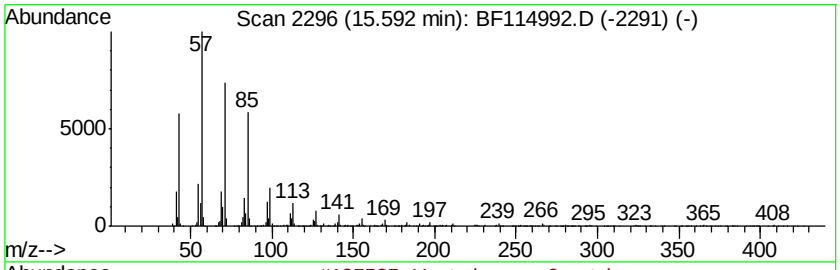
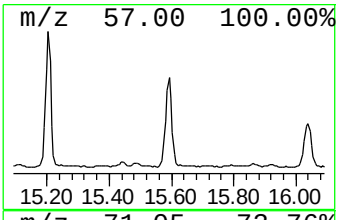
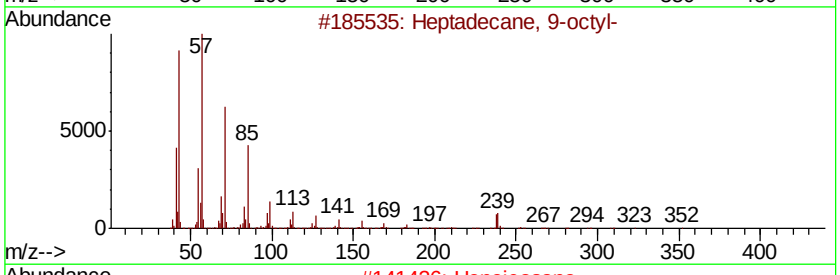
Peak Number 16 Docosane, 11-butyl- Concentration Rank 6

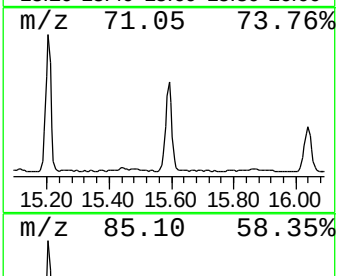
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	12.49 ng	1047220	Perylene-d12	15.15

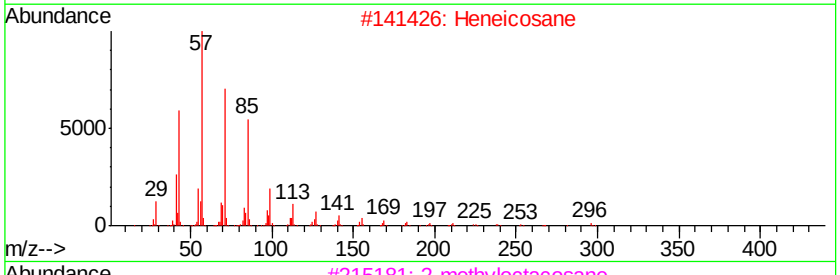
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Heneicosane	296	C21H44	000629-94-7	94
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Heptacosane	380	C27H56	000593-49-7	91

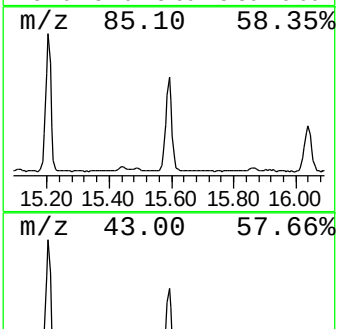


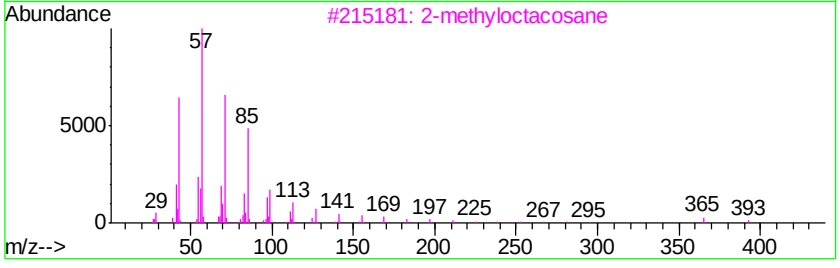


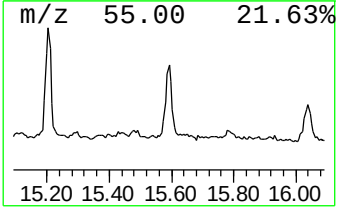












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Acq On : 13 Jun 2019 9:59
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-061119-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.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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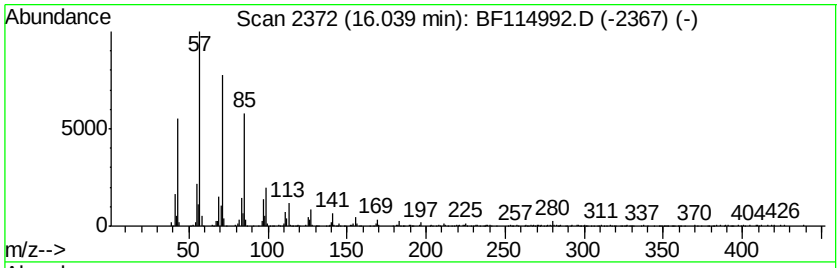
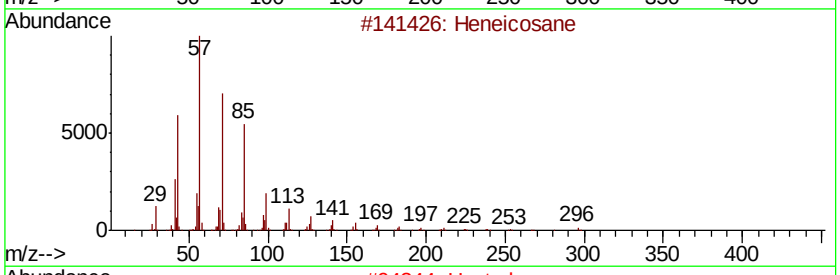
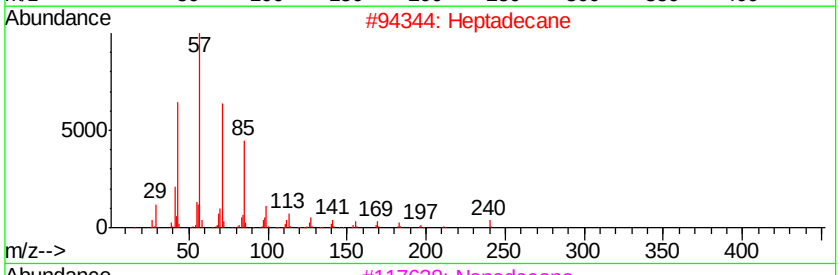
Peak Number 17 Heneicosane Concentration Rank 7

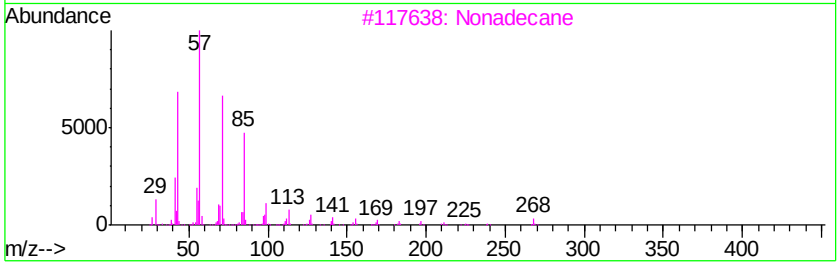
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	7.19 ng	602664	Perylene-d12	15.15

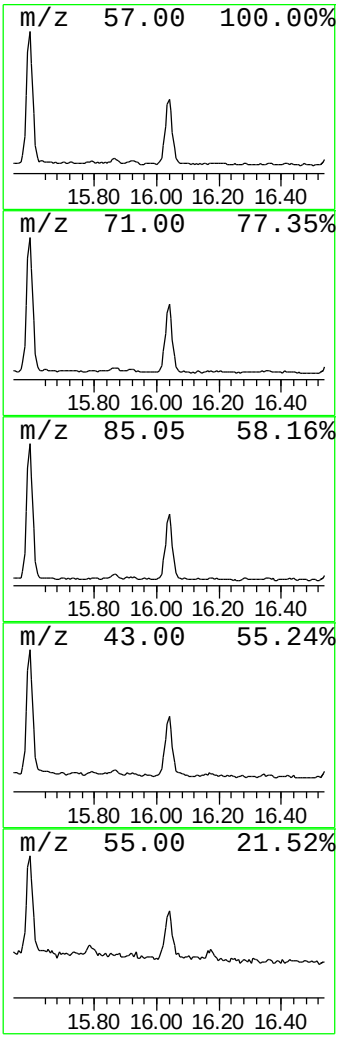
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptadecane	240	C17H36	000629-78-7	95
3	Nonadecane	268	C19H40	000629-92-5	94
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
5	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93











Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061319\
Data File : BF114992.D
Acq On : 13 Jun 2019 9:59
Operator : HP/JU
Sample : K3159-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-061119-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.42	6.42	34.8	ng	2968100	1	6.65	1704990	20.0
Phenanthrene, 2-m...	11.67	2.3	ng	263560	4	11.15	2302480	20.0
n-Hexadecanoic acid	11.69	2.5	ng	284198	4	11.15	2302480	20.0
4H-Cyclopenta[def...	11.76	3.5	ng	399087	4	11.15	2302480	20.0
11H-Benzo[a]fluorene	12.90	2.0	ng	255401	5	13.77	2492200	20.0
1-Octadecene	13.64	2.0	ng	253290	5	13.77	2492200	20.0
Eicosane	13.96	3.2	ng	401861	5	13.77	2492200	20.0
Eicosane, 10-methyl-	14.26	5.0	ng	617090	5	13.77	2492200	20.0
Heptadecane, 9-oc...	14.56	13.2	ng	1107150	6	15.15	1676290	20.0
Hexacosane	14.86	15.8	ng	1320500	6	15.15	1676290	20.0
Benzo[e]pyrene	15.03	4.5	ng	375578	6	15.15	1676290	20.0
Tetracosane	15.20	17.4	ng	1453890	6	15.15	1676290	20.0
Docosane, 11-butyl-	15.59	12.5	ng	1047220	6	15.15	1676290	20.0
Heneicosane	16.04	7.2	ng	602664	6	15.15	1676290	20.0