LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119616.D
Acq On : 28 Mar 2020 14:57
Operator : CG/JU
Sample : L2040-13
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-209

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-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	2.134	3	8	13	rVB	336368	428794	4.34%	0.434%
2	2.240	21	26	34	rVB	129761	167015	1.69%	0.169%
3	5.057	500	505	515	rVB	827359	1193765	12.07%	1.208%
4	5.451	566	572	575	rBV	8293934	9891000	100.00%	10.013%
5	6.463	737	744	747	rBV	8068747	9803298	99.11%	9.924%
6	6.834	803	807	810	rBV	2040245	1820359	18.40%	1.843%
7	6.992	829	834	837	rBV	8047444	7223184	73.03%	7.312%
8	7.398	892	903	906	rBV	6213220	6503958	65.76%	6.584%
9	8.116	1020	1025	1027	rBV	1907525	1610832	16.29%	1.631%
10	8.134	1027	1028	1032	rVB	130060	108545	1.10%	0.110%
11	8.545	1095	1098	1100	rBV	147224	107038	1.08%	0.108%
12	9.145	1197	1200	1203	rBV	187009	150277	1.52%	0.152%
13	9.198	1203	1209	1212	rBV	8135614	7506156	75.89%	7.598%
14	9.292	1219	1225	1227	rBV3	86927	129648	1.31%	0.131%
15	9.533	1258	1266	1268	rBV3	80486	118987	1.20%	0.120%
16	9.586	1272	1275	1280	rBV2	577563	651757	6.59%	0.660%
17	9.875	1318	1324	1327	rBV	2637318	2266294	22.91%	2.294%
18	9.904	1327	1329	1333	rVB	470309	399894	4.04%	0.405%
19	10.075	1355	1358	1362	rBV2	246452	239122	2.42%	0.242%
20	10.422	1413	1417	1420	rBV	365766	311651	3.15%	0.315%
21	10.669	1453	1459	1462	rBV	5891967	5850097	59.15%	5.922%
22	10.798	1476	1481	1484	rVB2	190825	266392	2.69%	0.270%
23	11.028	1517	1520	1523	rBV2	207538	164082	1.66%	0.166%
24	11.163	1540	1543	1548	rVB3	89061	103837	1.05%	0.105%
25	11.222	1548	1553	1557	rVV5	103931	216520	2.19%	0.219%
26	11.263	1557	1560	1564	rVB2	146909	153718	1.55%	0.156%
27	11.363	1573	1577	1579	rBV	2473072	2133129	21.57%	2.159%
28	11.386	1579	1581	1584	rVV	1520390	1134646	11.47%	1.149%
29	11.433	1584	1589	1592	rVB	584144	547128	5.53%	0.554%
30	11.469	1592	1595	1599	rBV	266271	236324	2.39%	0.239%
31	11.592	1610	1616	1618	rBV2	181993	216490	2.19%	0.219%
32	11.657	1625	1627	1630	rBV	138131	115206	1.16%	0.117%
33	11.757	1642	1644	1650	rVB2	122702	128732	1.30%	0.130%
34	11.816	1651	1654	1658	rBV	269122	291338	2.95%	0.295%

LSC Area Percent Report

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Acq On : 28 Mar 2020 14:57
Operator : CG/JU
Sample : L2040-13
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-209

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-BF031820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.863	1658	1662	1664	rVV2	191838	212256	2.15%	0.215%
36	11.898	1664	1668	1673	rVV2	2613159	2788612	28.19%	2.823%
37	11.939	1673	1675	1678	rVV	227186	238879	2.42%	0.242%
38	11.975	1678	1681	1690	rVB	701982	852283	8.62%	0.863%
39	12.163	1709	1713	1714	rBV	203252	192863	1.95%	0.195%
40	12.180	1714	1716	1719	rVB	128549	106033	1.07%	0.107%
41	12.310	1733	1738	1741	rBV3	85382	120066	1.21%	0.122%
42	12.416	1752	1756	1758	rBV	126443	136548	1.38%	0.138%
43	12.445	1758	1761	1763	rBV2	329635	337320	3.41%	0.341%
44	12.469	1763	1765	1767	rVB3	353552	263797	2.67%	0.267%
45	12.498	1767	1770	1775	rVB	212986	221802	2.24%	0.225%
46	12.580	1775	1784	1786	rBV	3562835	3425691	34.63%	3.468%
47	12.598	1786	1787	1790	rVB	135392	114403	1.16%	0.116%
48	12.680	1797	1801	1807	rBV	1098409	1144864	11.57%	1.159%
49	12.804	1814	1822	1825	rBV2	2505881	3110610	31.45%	3.149%
50	12.851	1828	1830	1835	rVB2	143214	150379	1.52%	0.152%
51	12.922	1839	1842	1843	rBV	178629	143482	1.45%	0.145%
52	12.957	1843	1848	1851	rVV	7222614	7170390	72.49%	7.259%
53	13.021	1854	1859	1863	rBV2	184651	305838	3.09%	0.310%
54	13.110	1871	1874	1875	rBV2	140331	139962	1.42%	0.142%
55	13.133	1875	1878	1881	rVB	467630	448214	4.53%	0.454%
56	13.198	1885	1889	1892	rBV2	432682	413676	4.18%	0.419%
57	13.233	1892	1895	1898	rVV2	240605	258406	2.61%	0.262%
58	13.327	1908	1911	1914	rVB	129874	104305	1.05%	0.106%
59	13.357	1914	1916	1920	rBV2	136392	134971	1.36%	0.137%
60	13.480	1934	1937	1940	rBV	207814	185022	1.87%	0.187%
61	13.527	1943	1945	1948	rVV2	117937	118778	1.20%	0.120%
62	13.639	1961	1964	1968	rVB2	97317	131864	1.33%	0.133%
63	13.751	1979	1983	1986	rBV3	125225	165304	1.67%	0.167%
64	13.780	1986	1988	1990	rVV	187022	151983	1.54%	0.154%
65	13.804	1990	1992	1997	rVV2	155278	212678	2.15%	0.215%
66	13.863	1997	2002	2011	rVV5	424223	842621	8.52%	0.853%
67	14.004	2018	2026	2028	rBV2	1737702	2845478	28.77%	2.880%
68	14.027	2028	2030	2035	rVB	932454	806720	8.16%	0.817%
69	14.110	2041	2044	2048	rVB	144142	119481	1.21%	0.121%
70	14.174	2052	2055	2060	rVV2	481112	500648	5.06%	0.507%
71	14.480	2104	2107	2110	rBV	780803	654305	6.62%	0.662%

LSC Area Percent Report

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Data File : BF119616.D
Acq On : 28 Mar 2020 14:57
Operator : CG/JU
Sample : L2040-13
Misc :
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Instrument : BNA_F
ClientSampleId : RO-209

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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Peak separation: 5

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

72	14.786	2156	2159	2166	rVB	787324	794799	8.04%	0.805%
73	14.863	2169	2172	2180	rVB	564191	592337	5.99%	0.600%
74	15.039	2197	2202	2205	rBV	552287	826519	8.36%	0.837%
75	15.127	2213	2217	2225	rVB2	754073	915730	9.26%	0.927%
76	15.339	2250	2253	2259	rVB	274415	363351	3.67%	0.368%
77	15.398	2260	2263	2269	rVV	318105	386521	3.91%	0.391%
78	15.468	2270	2275	2278	rVV	1119133	1361063	13.76%	1.378%
79	15.510	2278	2282	2288	rVB2	612411	880319	8.90%	0.891%
80	15.951	2352	2357	2363	rBV	406480	635170	6.42%	0.643%
81	16.457	2438	2443	2452	rBV2	204844	390681	3.95%	0.395%
82	16.915	2517	2521	2527	rVB2	99050	179584	1.82%	0.182%

Sum of corrected areas: 98785819

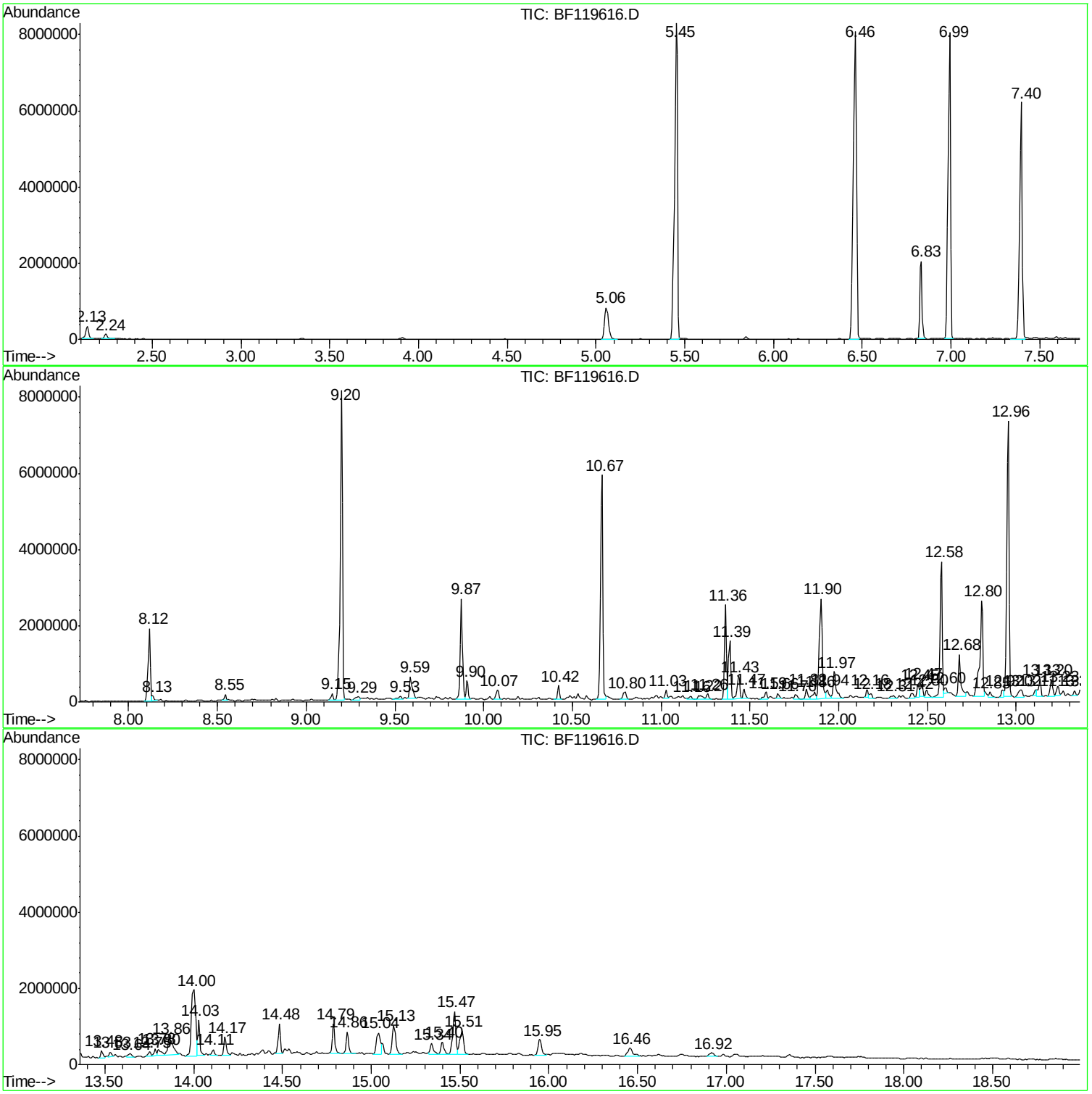
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119616.D
Acq On : 28 Mar 2020 14:57
Operator : CG/JU
Sample : L2040-13
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-209

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119616.D
Acq On : 28 Mar 2020 14:57
Operator : CG/JU
Sample : L2040-13
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-209

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

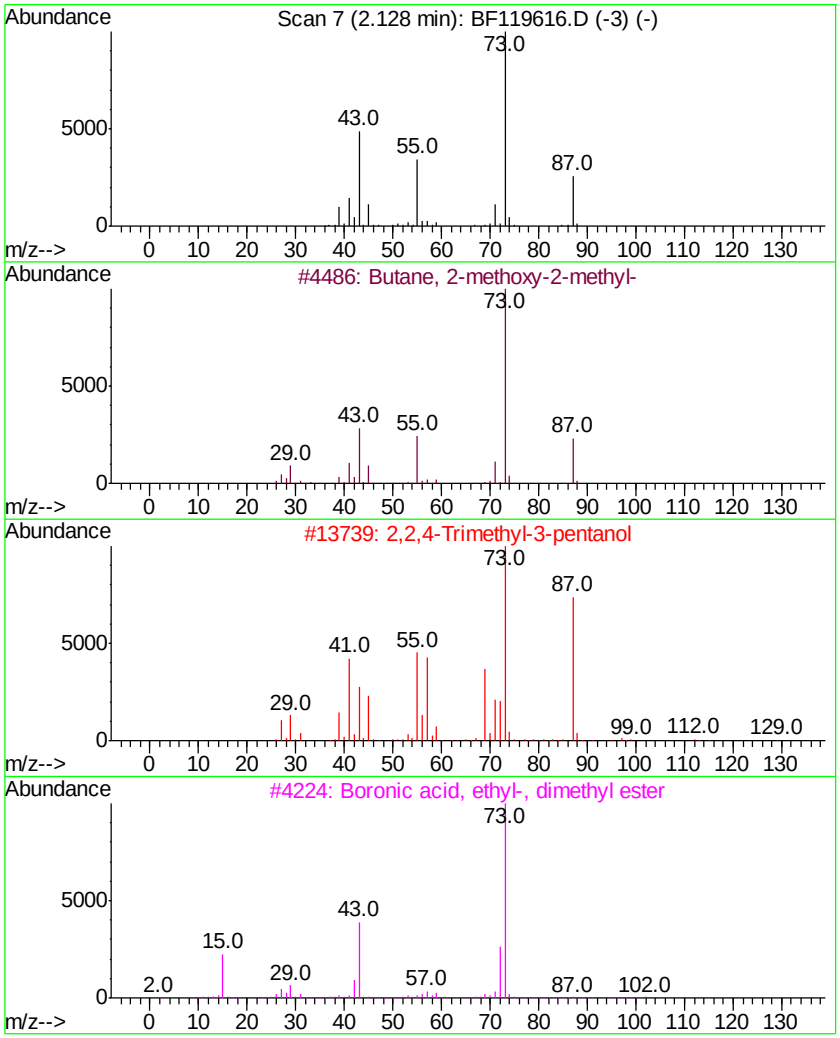
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

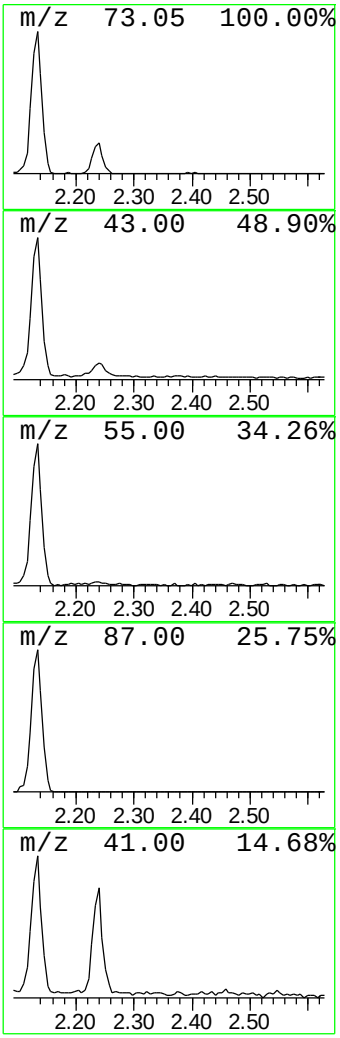
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	4.71 ng	428794	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	17
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119616.D
Acq On : 28 Mar 2020 14:57
Operator : CG/JU
Sample : L2040-13
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-209

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

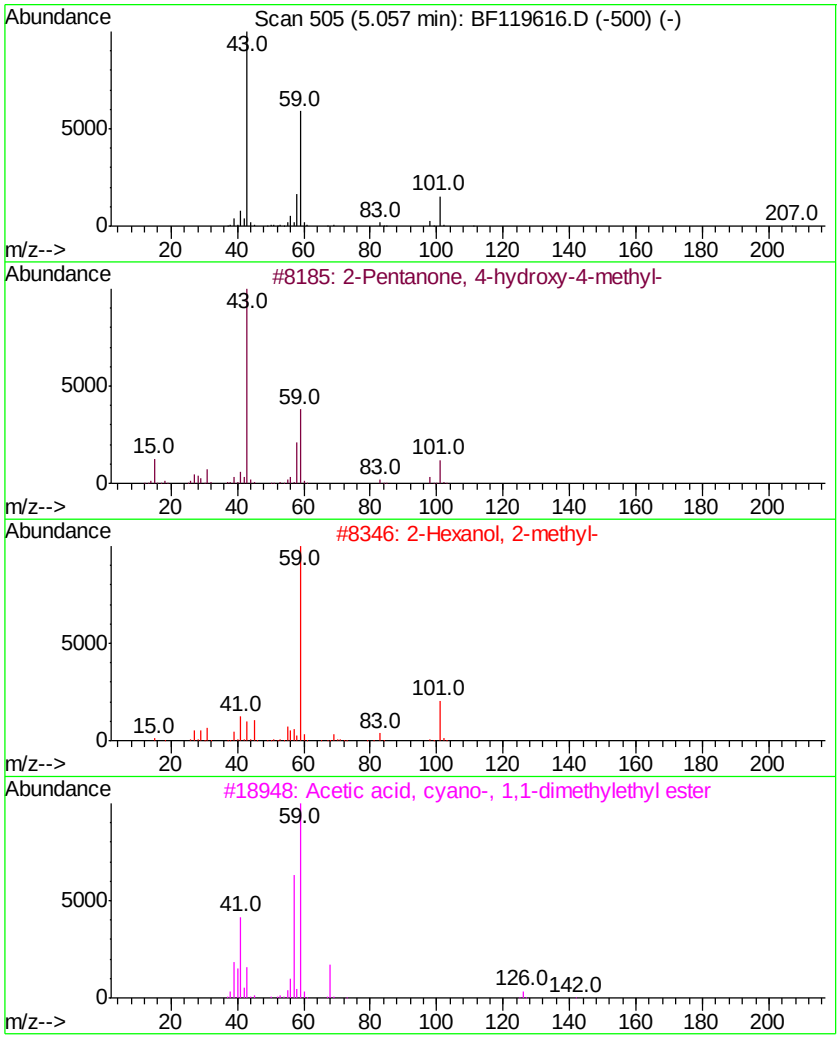
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

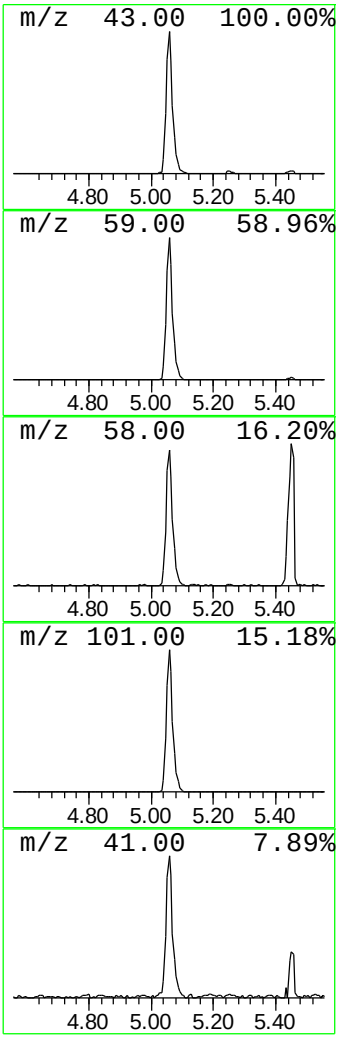
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	13.12 ng	1193770	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Guanidine	59	CH5N3	000113-00-8	9
5	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119616.D
Acq On : 28 Mar 2020 14:57
Operator : CG/JU
Sample : L2040-13
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-209

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

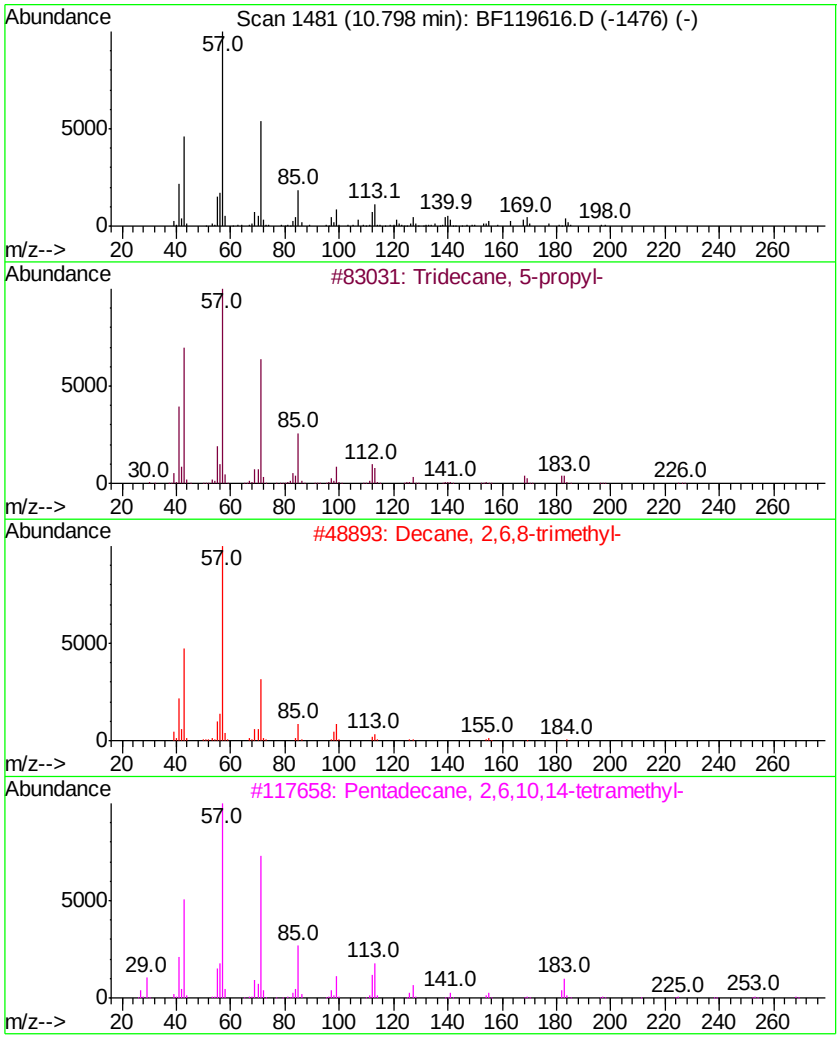
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

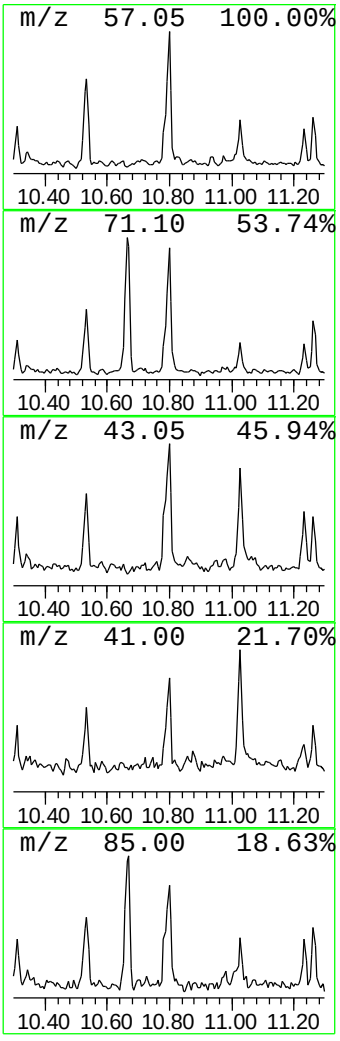
****

Peak Number 4 Tridecane, 5-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.50 ng	266392	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
4	5-Ethyldecane	170	C12H26	017302-36-2	58
5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119616.D
Acq On : 28 Mar 2020 14:57
Operator : CG/JU
Sample : L2040-13
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-209

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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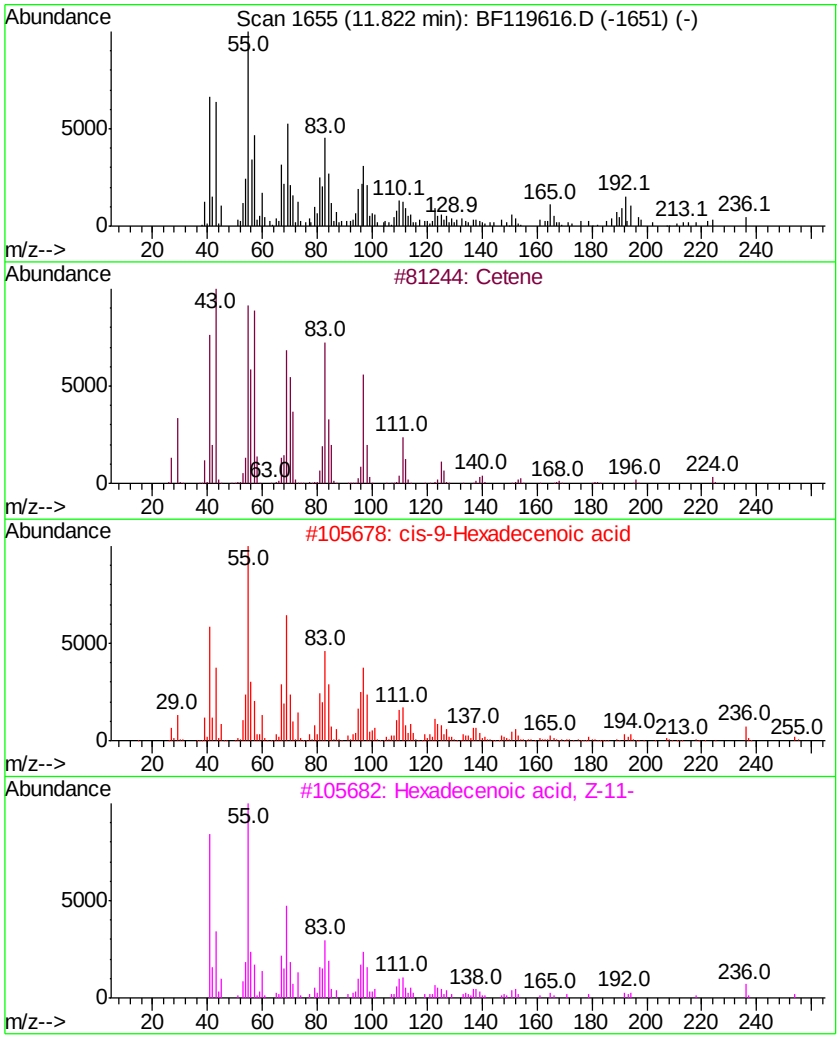
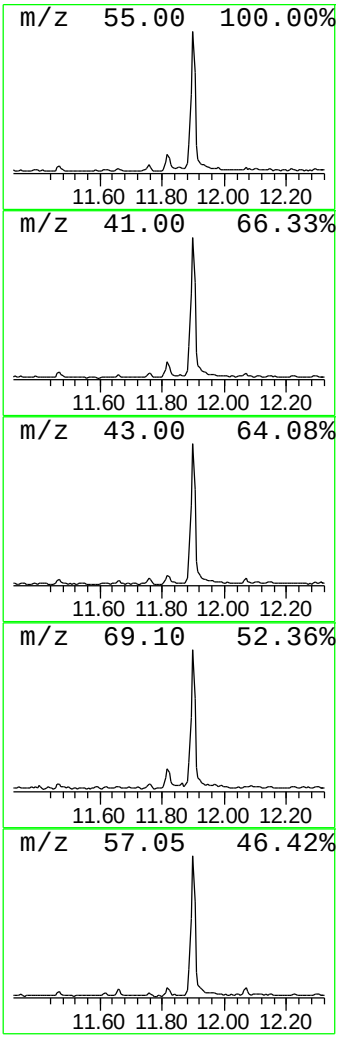
Peak Number 5 Cetene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.73 ng	291338	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	83
2	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	81
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	81
4	E-11-Hexadecenoic acid, ethyl ester	282	C18H34O2	1000245-71-9	74
5	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119616.D
Acq On : 28 Mar 2020 14:57
Operator : CG/JU
Sample : L2040-13
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-209

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

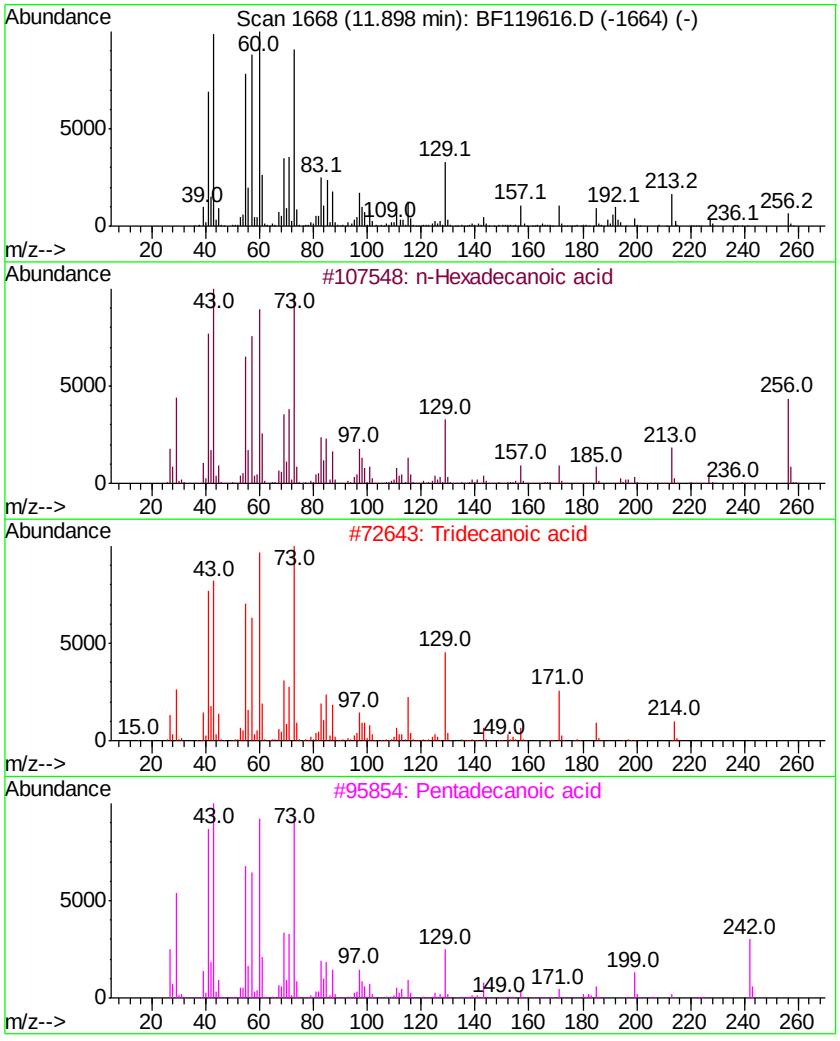
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

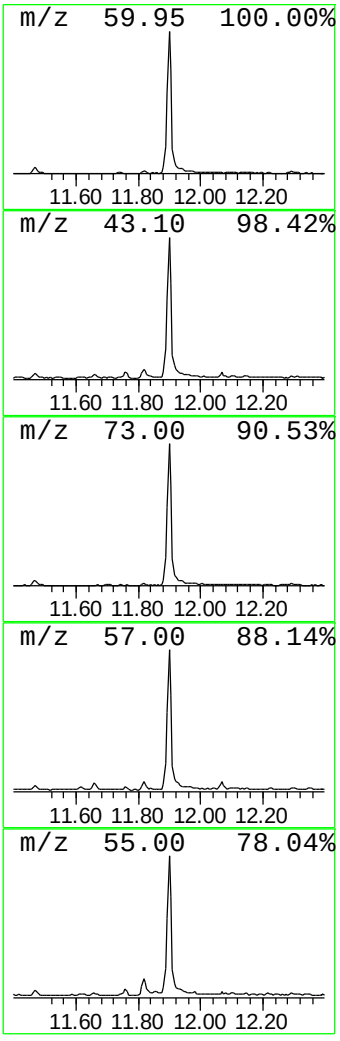
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	26.15 ng	2788610	Phenanthrene-d10	11.36

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119616.D
Acq On : 28 Mar 2020 14:57
Operator : CG/JU
Sample : L2040-13
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-209

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

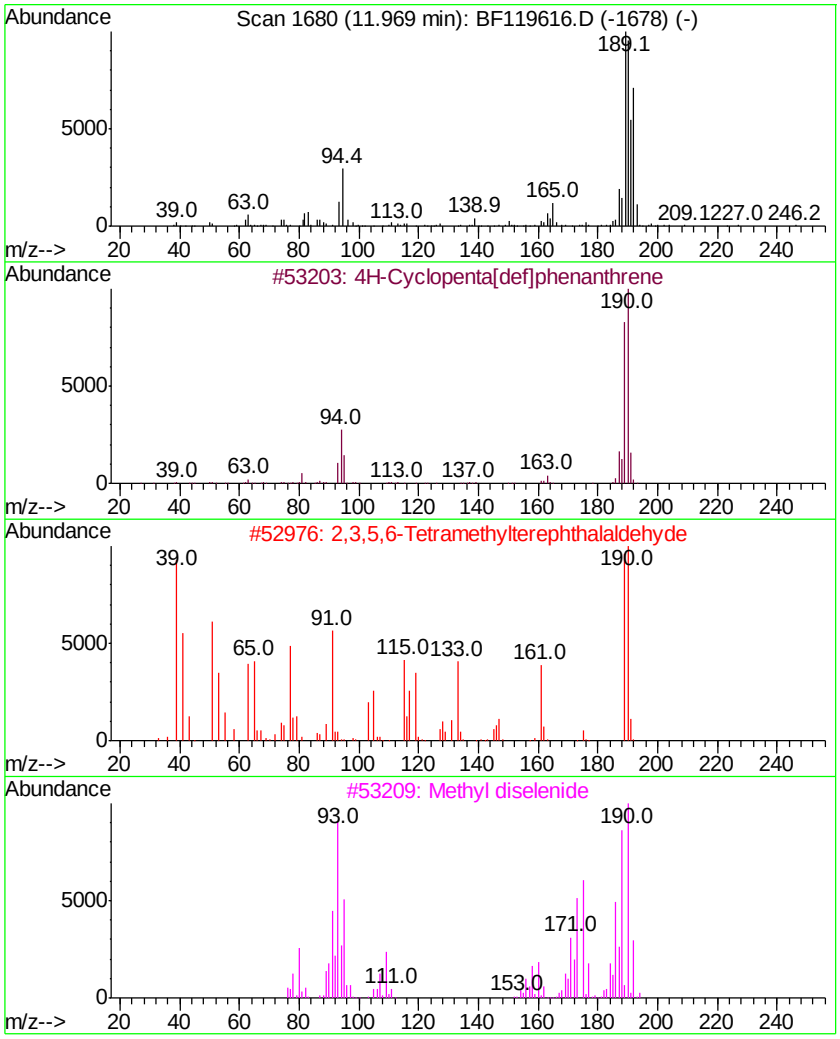
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

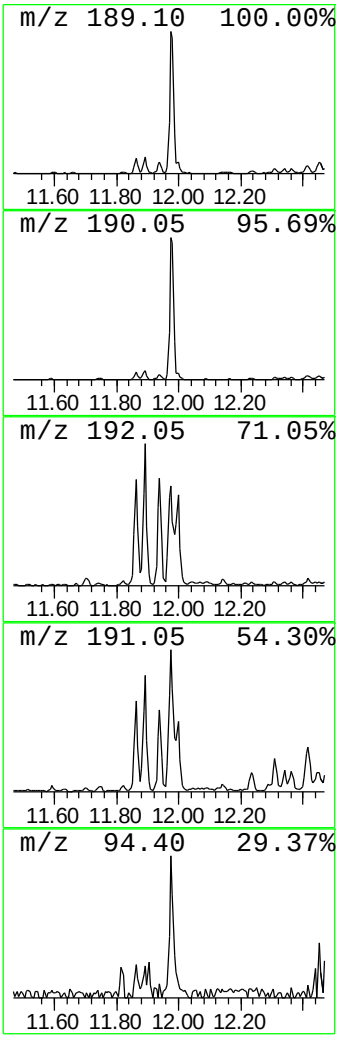
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	7.99 ng	852283	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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Data File : BF119616.D
Acq On : 28 Mar 2020 14:57
Operator : CG/JU
Sample : L2040-13
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-209

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

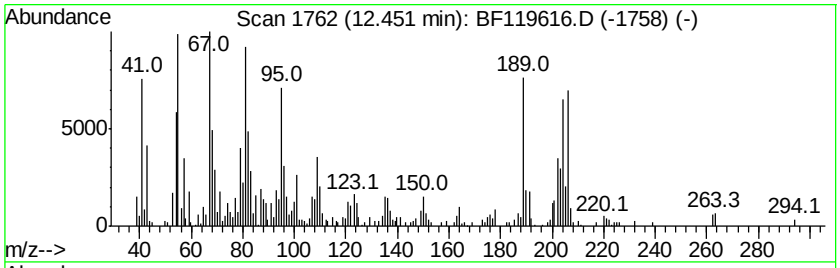
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

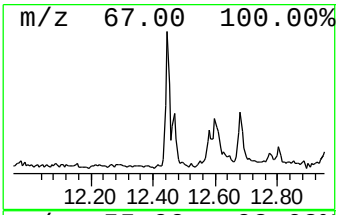
****

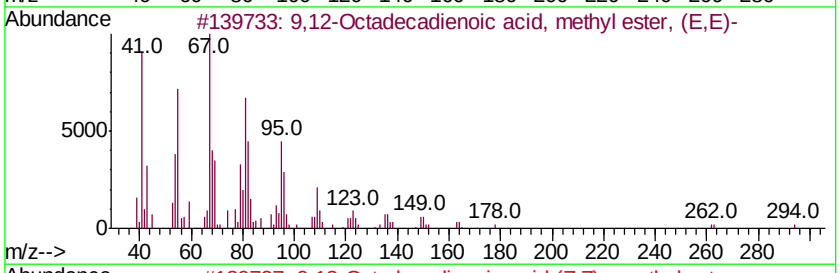
Peak Number 8 9,12-Octadecadienoic acid, ... Concentration Rank 16

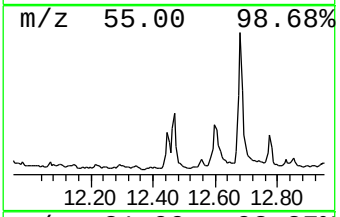
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	3.16 ng	337320	Phenanthrene-d10	11.36

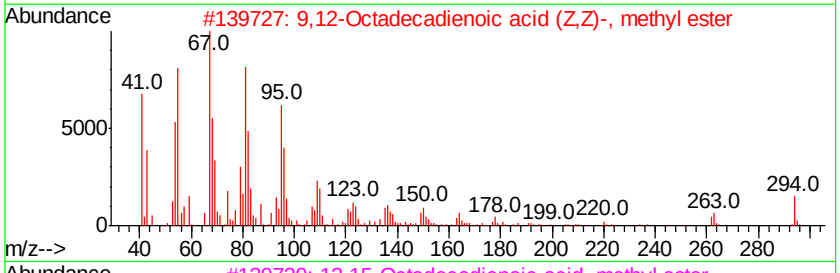
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
3	12,15-Octadecadienoic acid, meth...	294	C19H34O2	057156-97-5	95
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	91
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	90

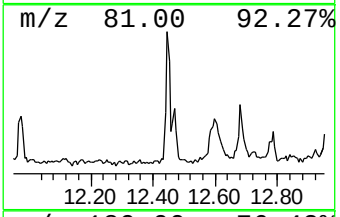


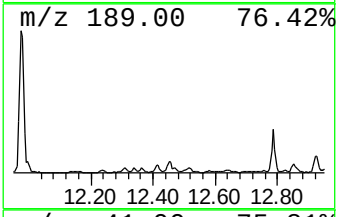


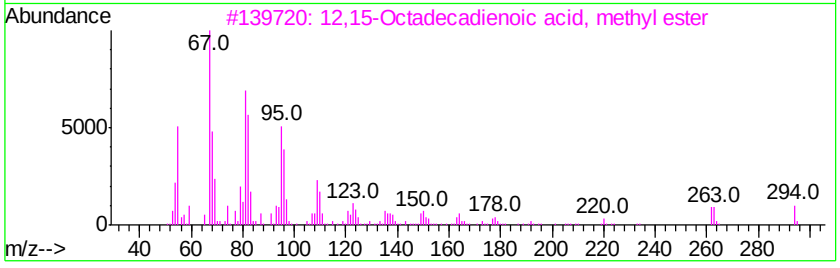


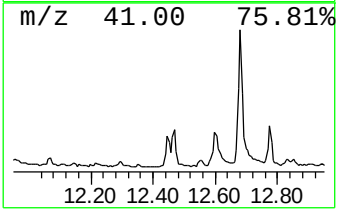












Library Search Compound Report

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Acq On : 28 Mar 2020 14:57
Operator : CG/JU
Sample : L2040-13
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-209

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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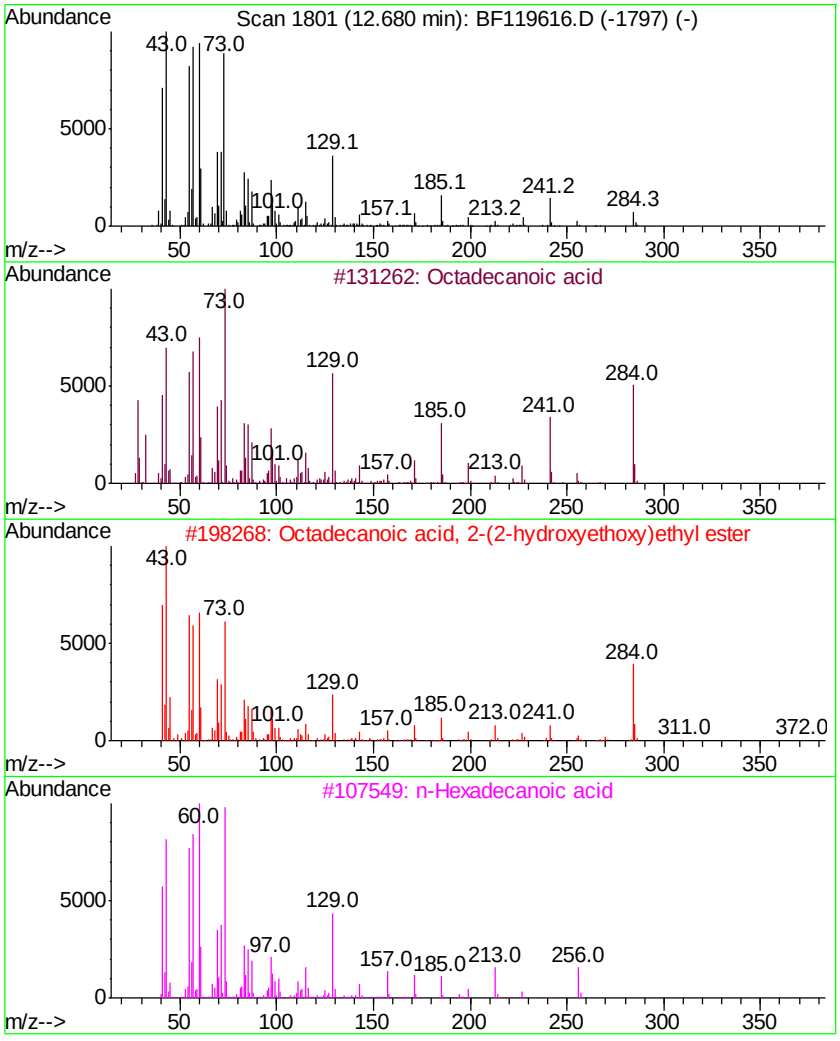
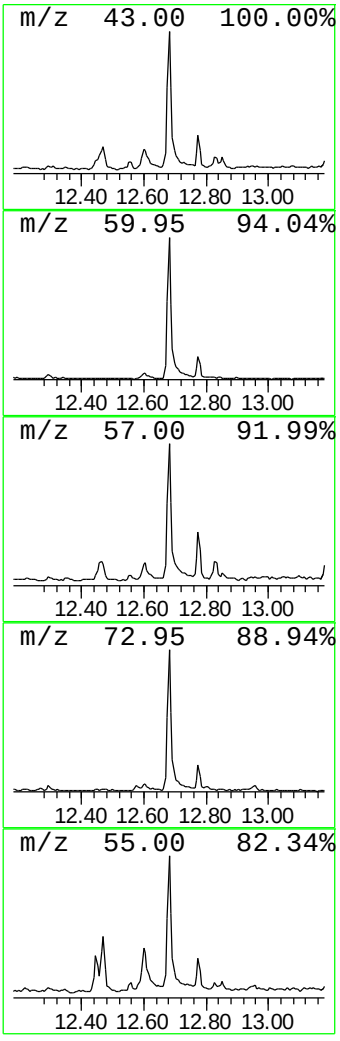
Peak Number 9 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	10.73 ng	1144860	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





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Instrument : BNA_F
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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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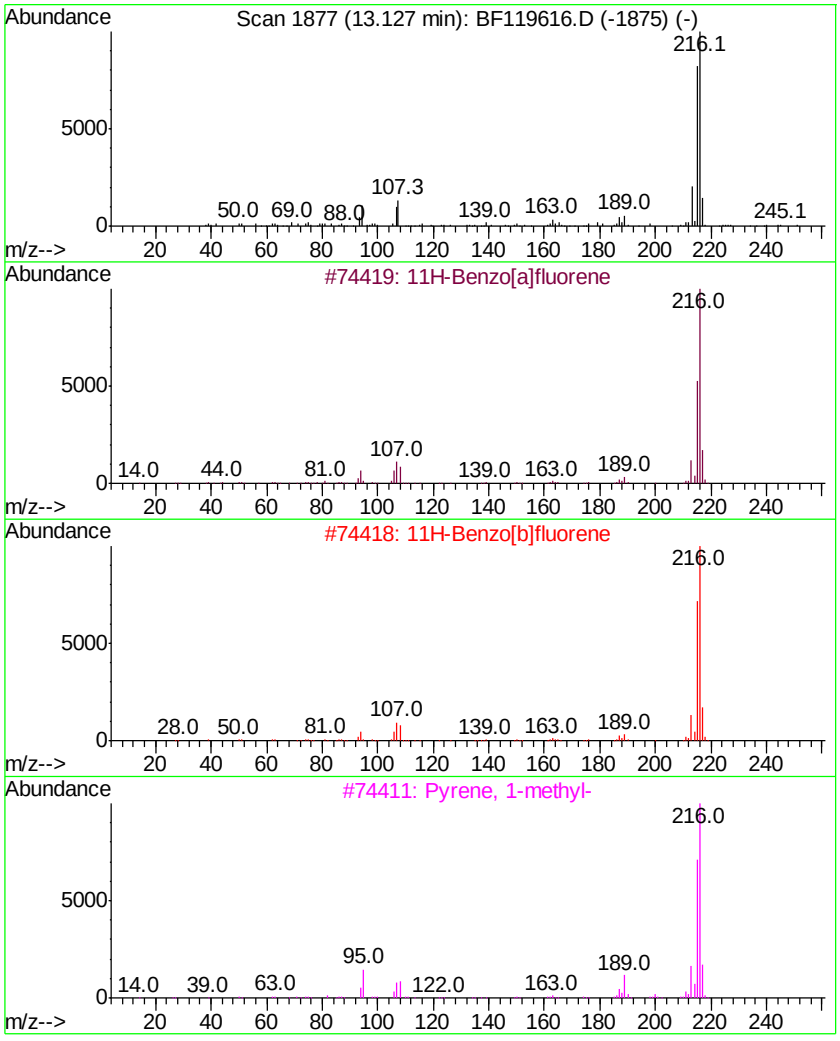
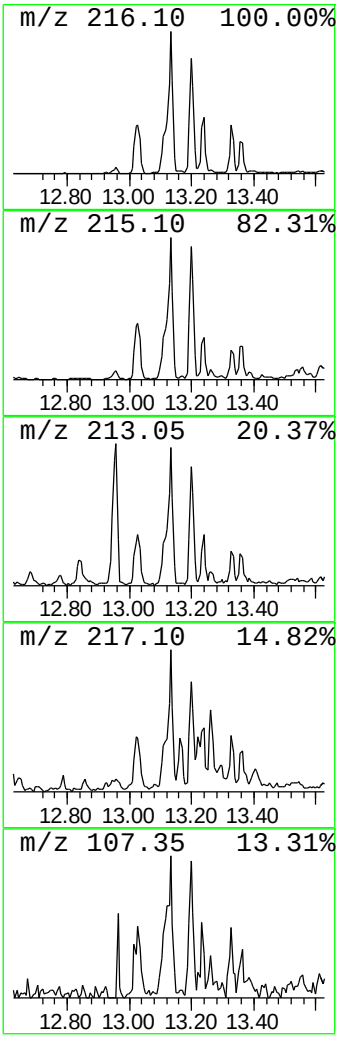
Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	3.15 ng	448214	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80





Library Search Compound Report

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Sample : L2040-13
Misc :
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Instrument : BNA_F
ClientSampleId : RO-209

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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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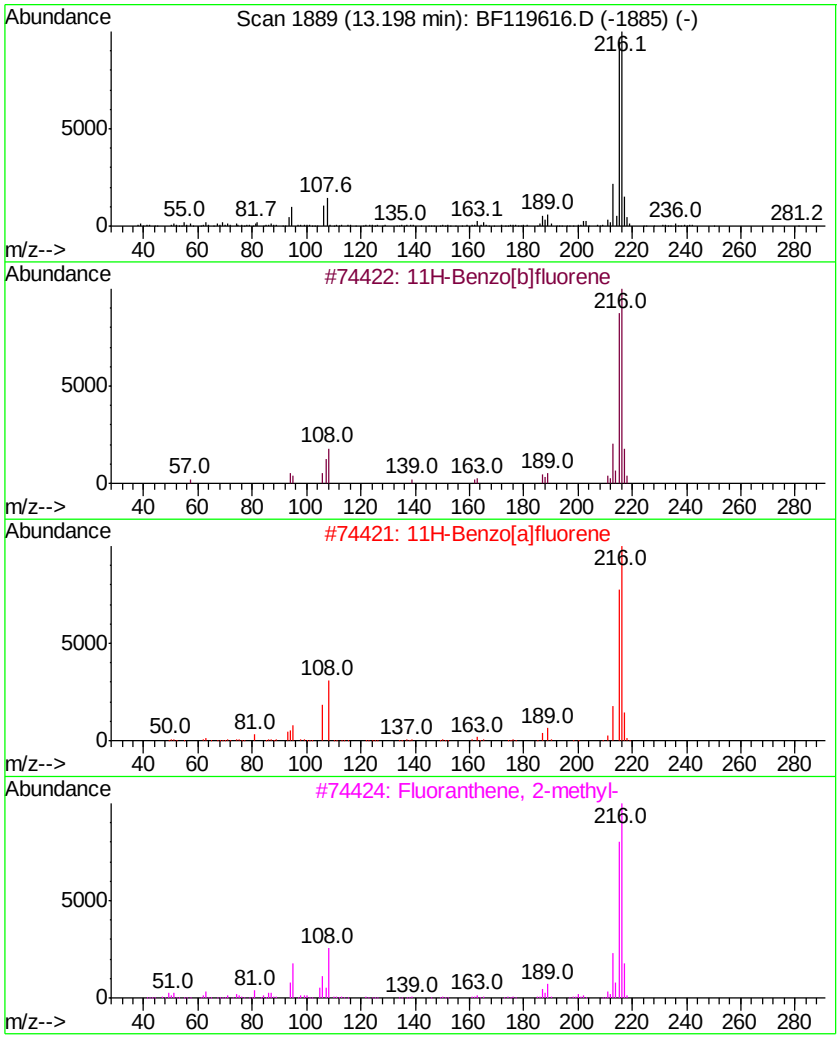
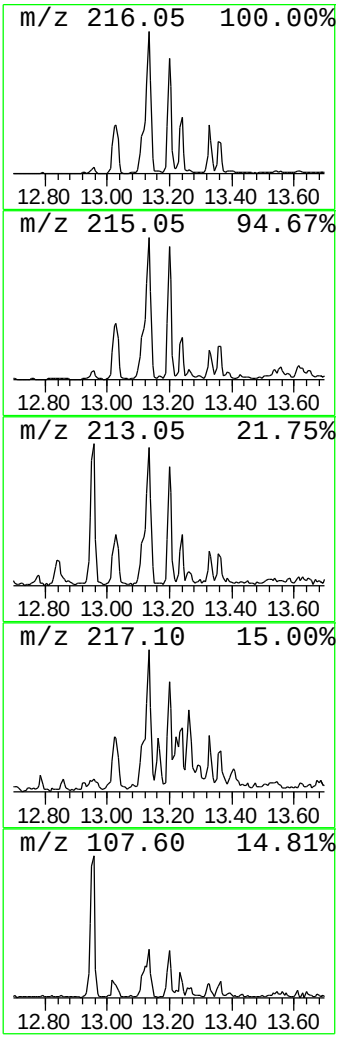
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	2.91 ng	413676	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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Sample : L2040-13
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Instrument : BNA_F
ClientSampleId : RO-209

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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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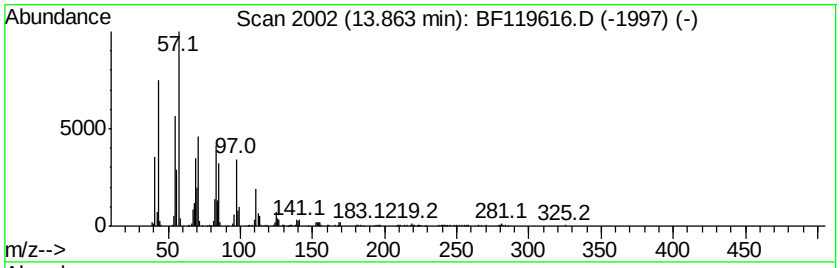
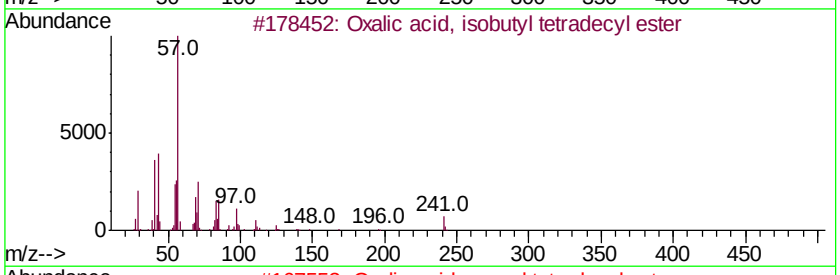
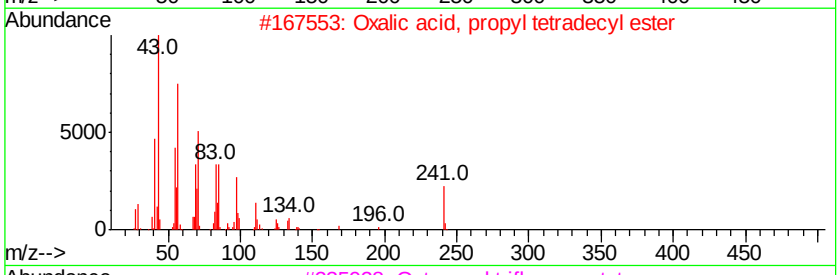
Peak Number 12 Oxalic acid, isobutyl tetra... Concentration Rank 10

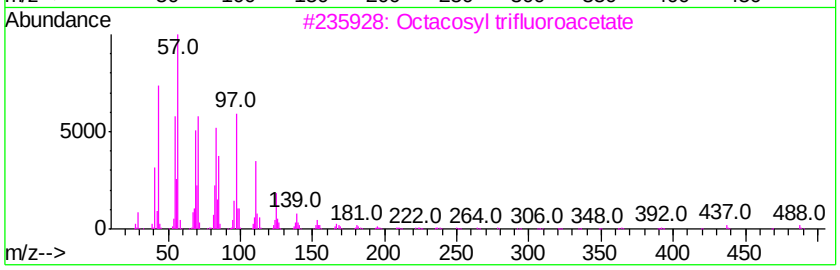
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	5.92 ng	842621	Chrysene-d12	14.00

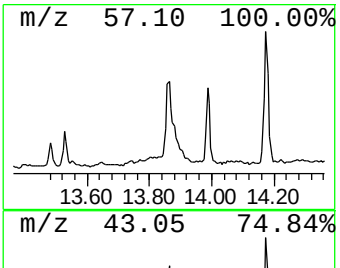
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
2	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	91
3	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87
5	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	83

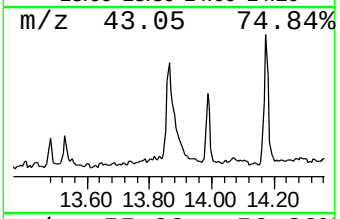


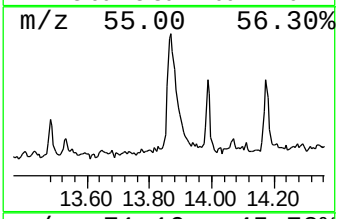


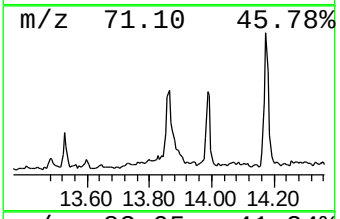


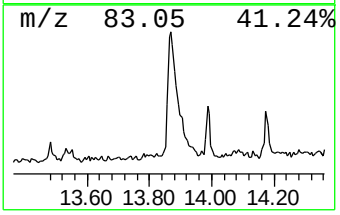












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Acq On : 28 Mar 2020 14:57
Operator : CG/JU
Sample : L2040-13
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-209

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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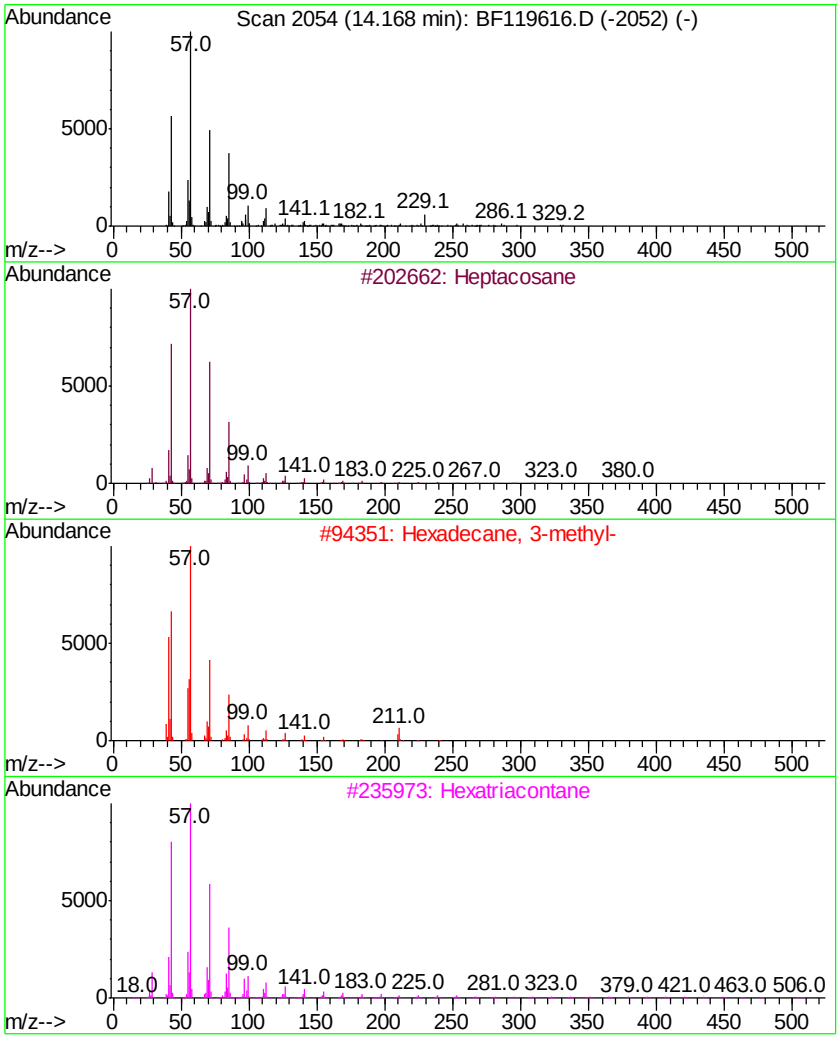
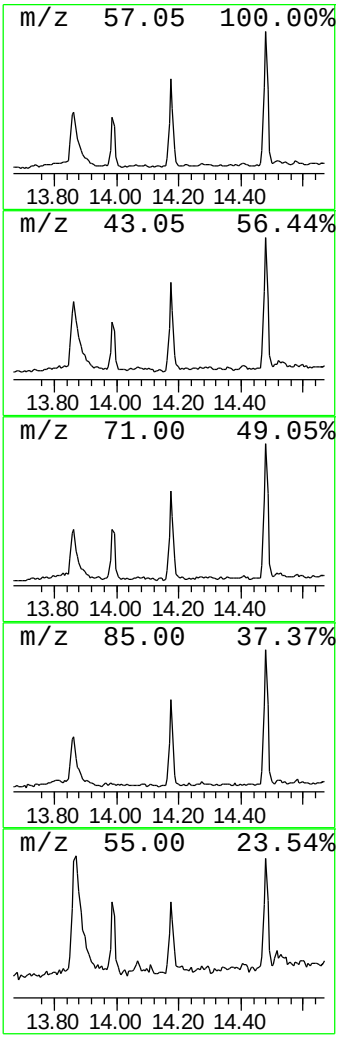
Peak Number 13 Heptacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	3.52 ng	500648	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	91
3	Hexatriacontane	507	C36H74	000630-06-8	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane	296	C21H44	000629-94-7	90





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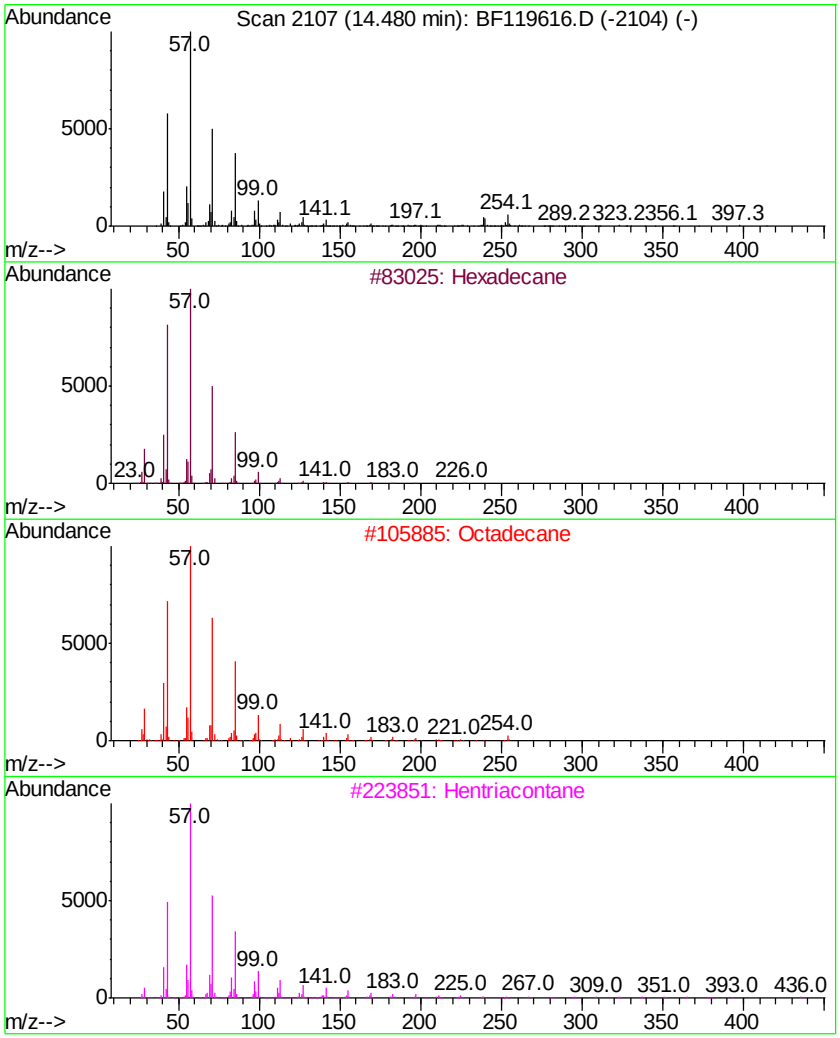
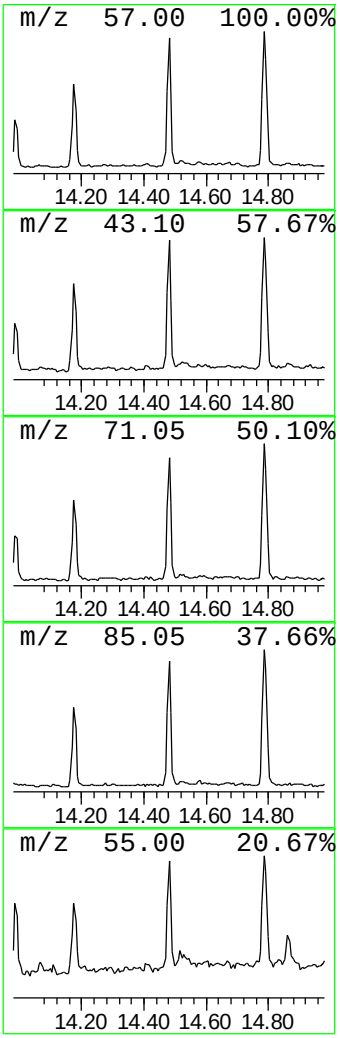
Peak Number 14 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	4.60 ng	654305	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Octadecane	254	C18H38	000593-45-3	90
3	Hentriacontane	437	C31H64	000630-04-6	83
4	Pentadecane	212	C15H32	000629-62-9	83
5	Nonadecane, 4-methyl-	282	C20H42	025117-27-5	83





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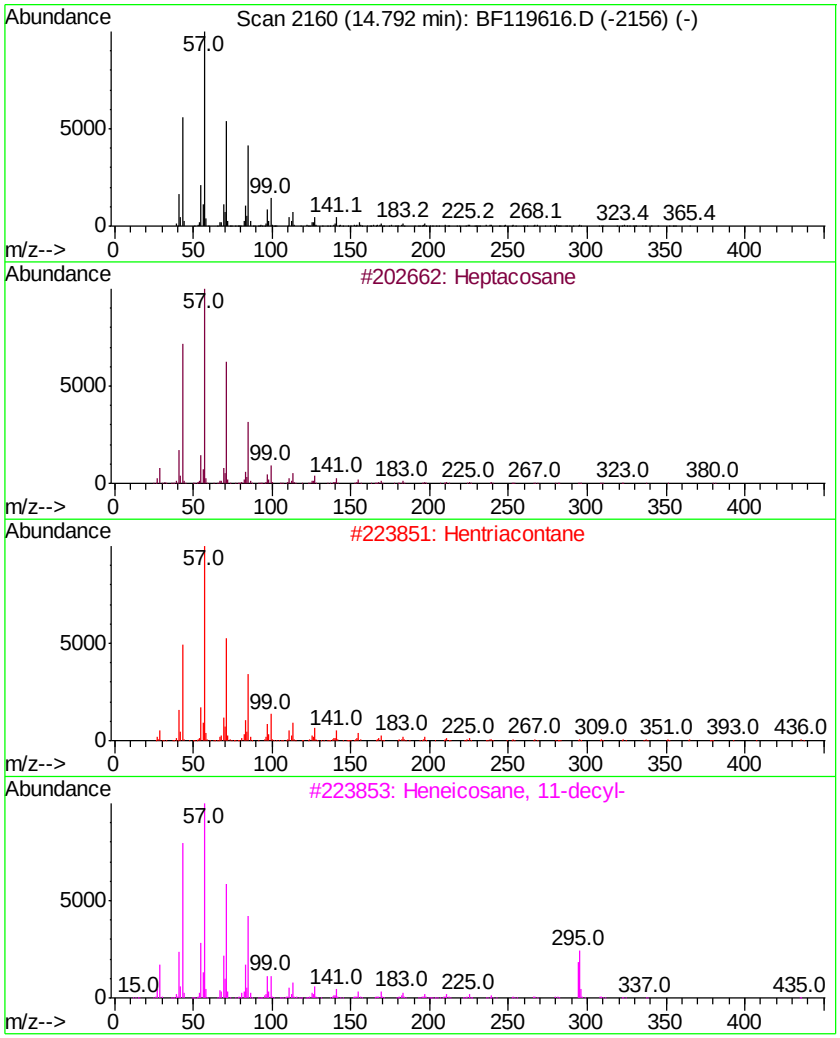
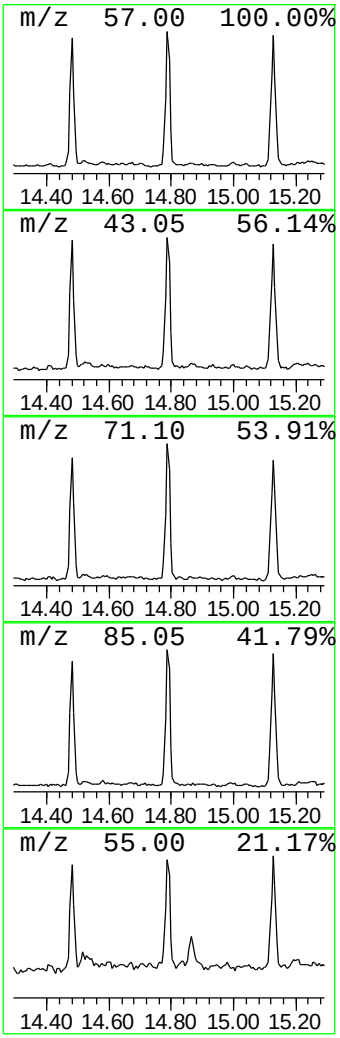
Peak Number 15 Hentriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	11.68 ng	794799	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	97
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	86
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Hexatriacontane	507	C36H74	000630-06-8	83





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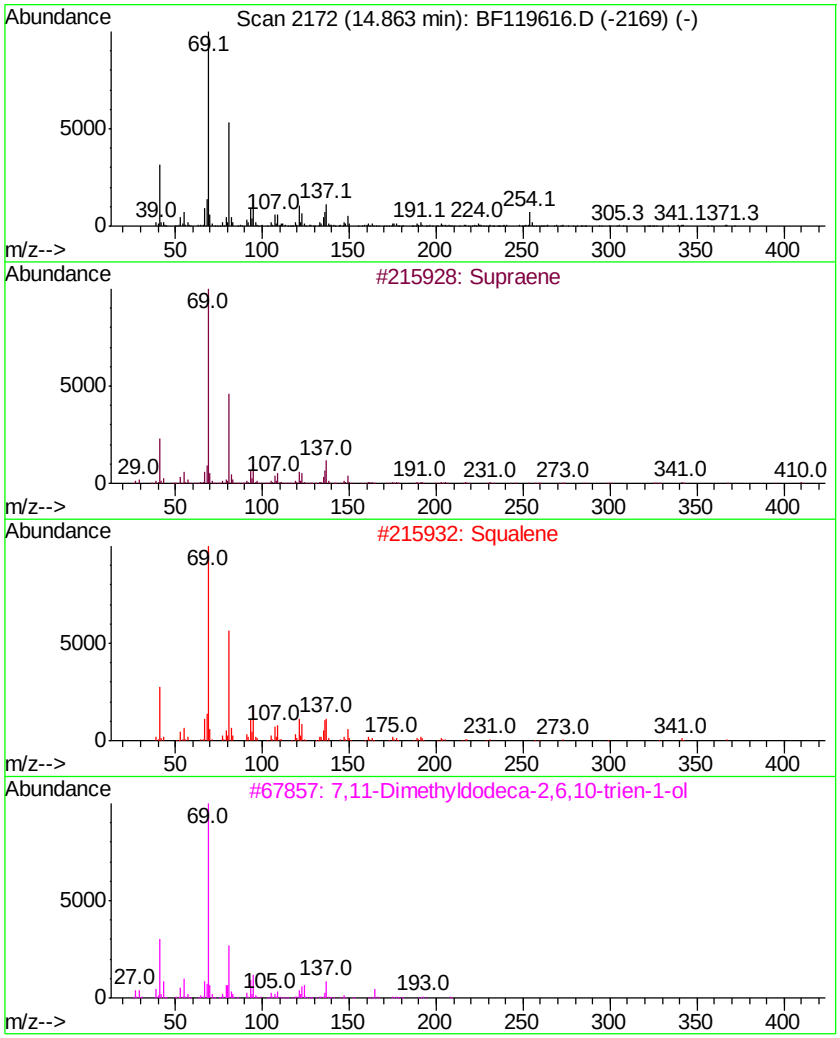
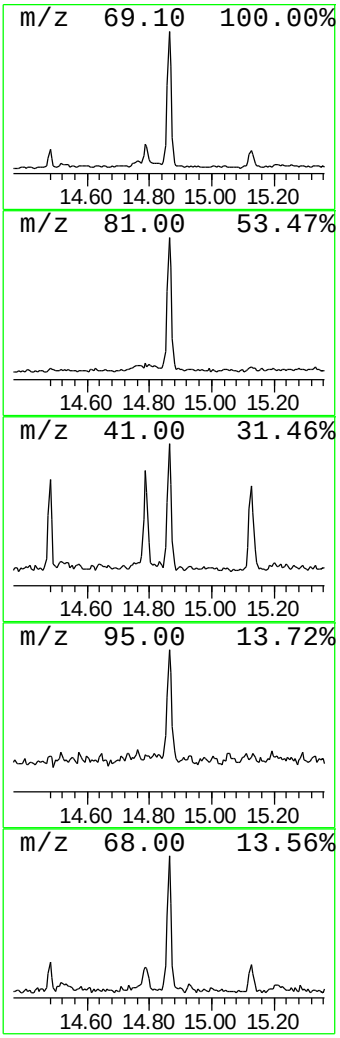
Peak Number 16 Supraene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	8.70 ng	592337	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
4	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52
5	2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	47





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Data File : BF119616.D
Acq On : 28 Mar 2020 14:57
Operator : CG/JU
Sample : L2040-13
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-209

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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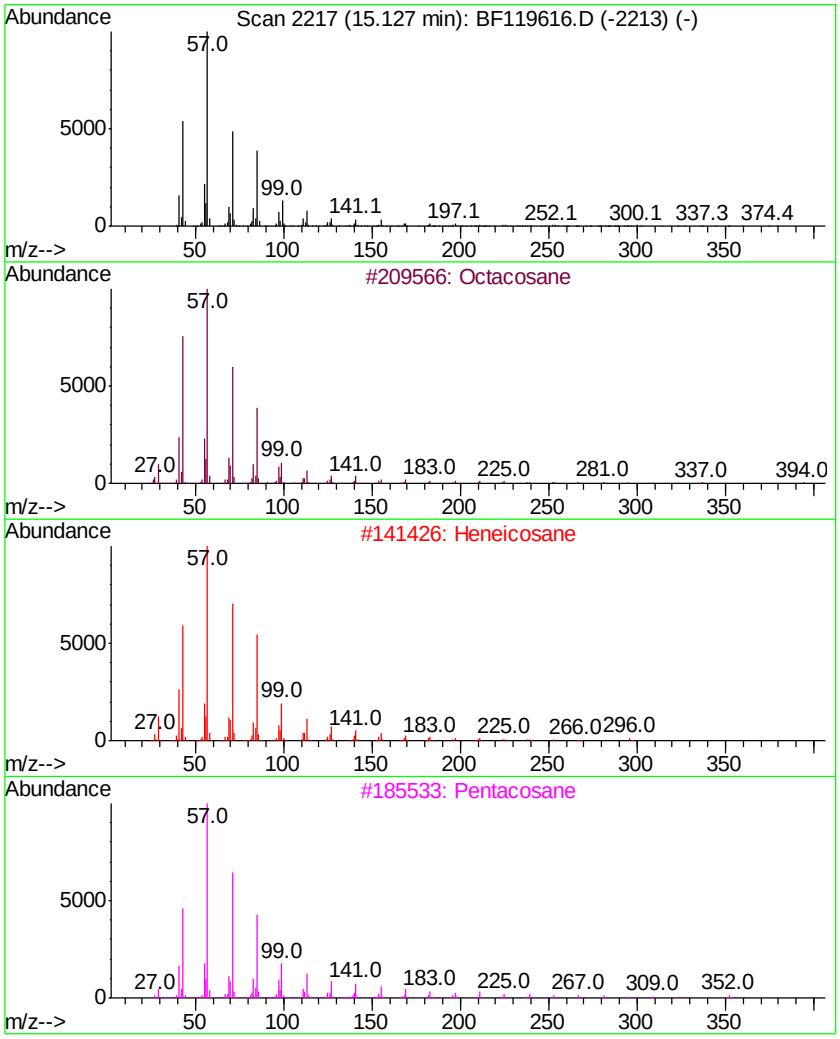
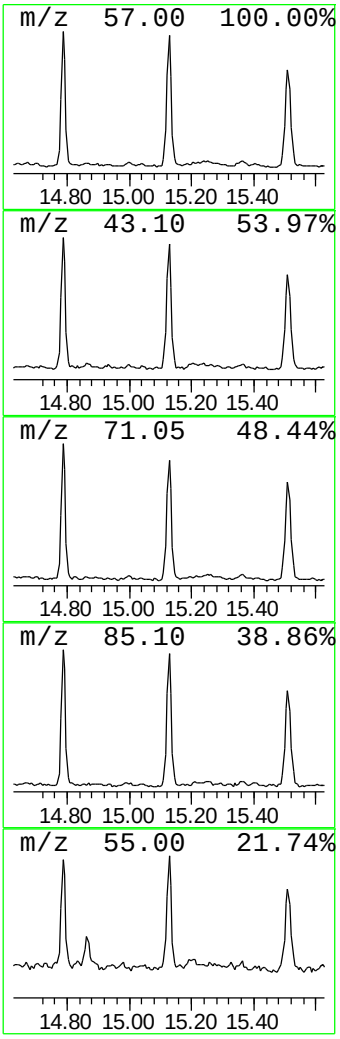
Peak Number 17 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	13.46 ng	915730	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Pentacosane	352	C25H52	000629-99-2	90
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	87
5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	87





Library Search Compound Report

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Data File : BF119616.D
Acq On : 28 Mar 2020 14:57
Operator : CG/JU
Sample : L2040-13
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-209

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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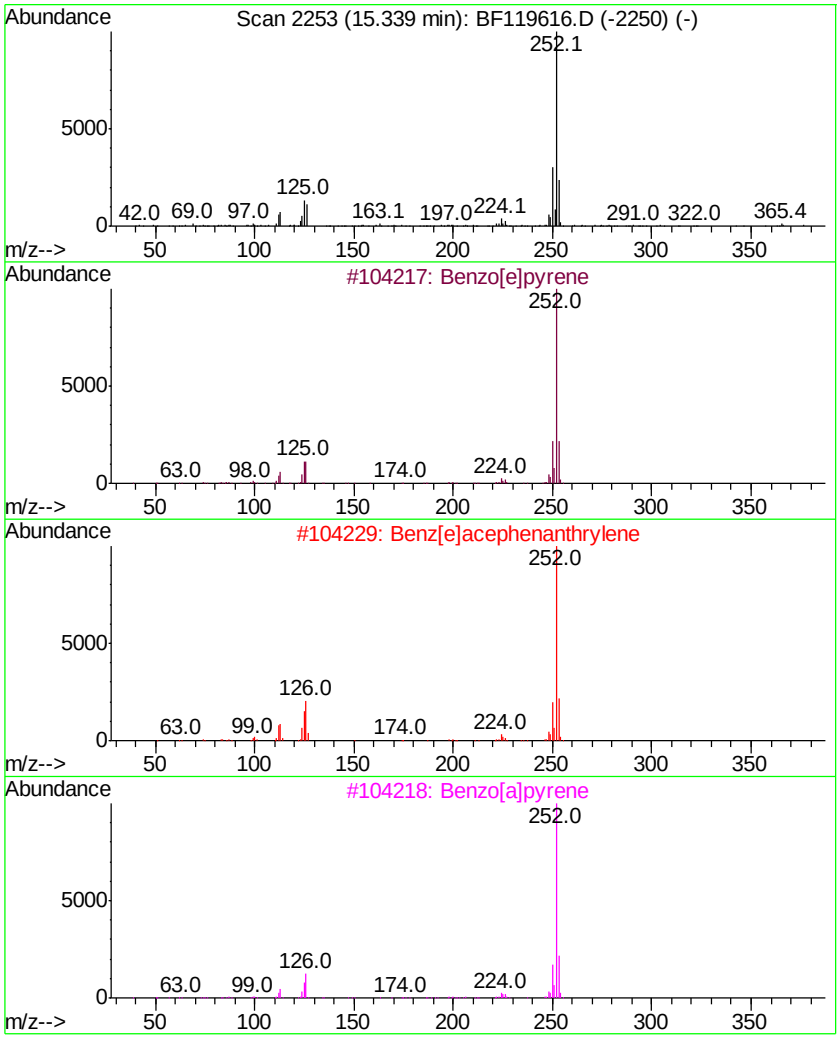
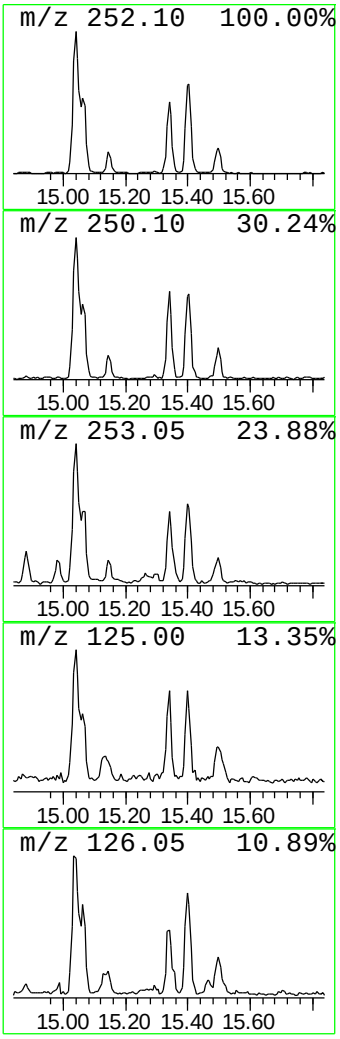
Peak Number 18 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	5.34 ng	363351	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	92
5	Perylene	252	C20H12	000198-55-0	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119616.D
Acq On : 28 Mar 2020 14:57
Operator : CG/JU
Sample : L2040-13
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-209

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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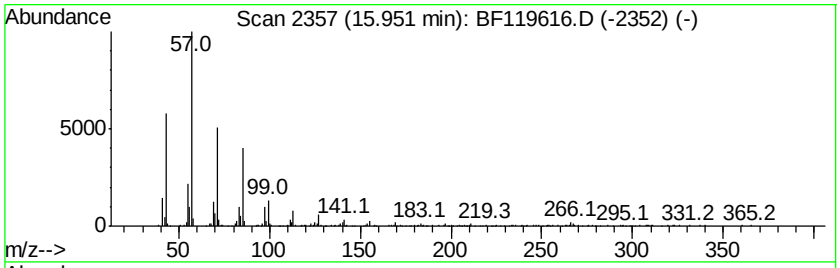
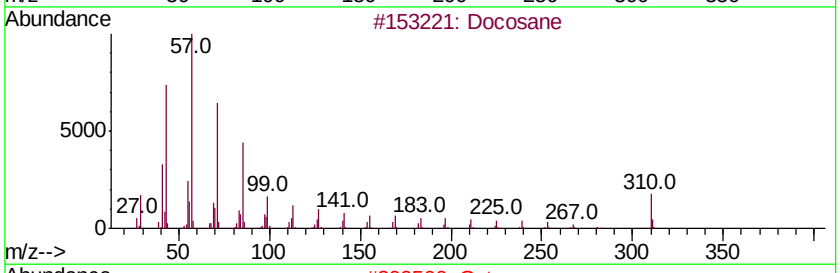
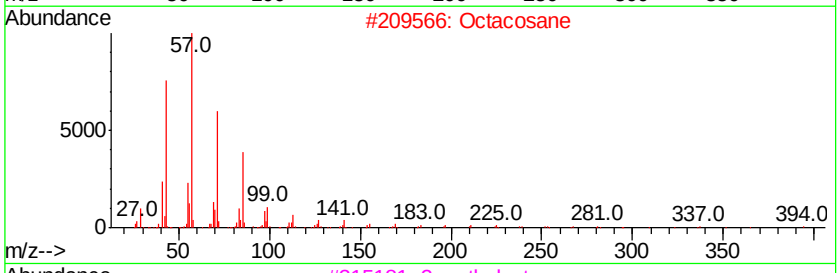
Peak Number 19 Docosane Concentration Rank 7

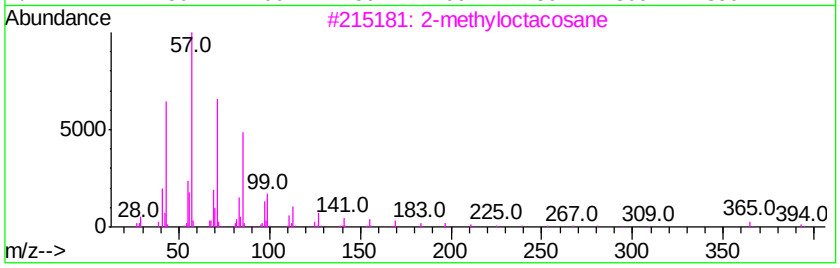
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	9.33 ng	635170	Perylene-d12	15.47

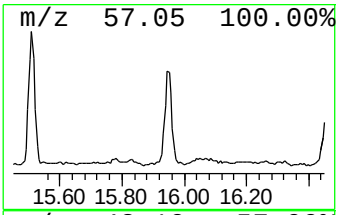
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	93
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Pentacosane	352	C25H52	000629-99-2	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87

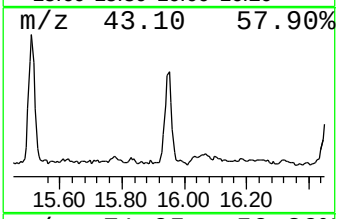


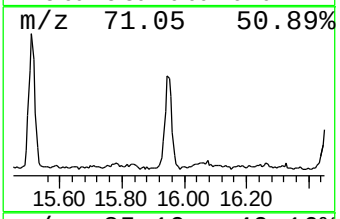


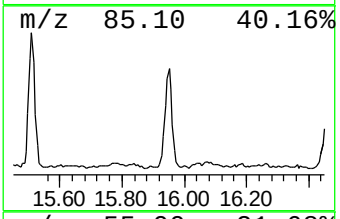


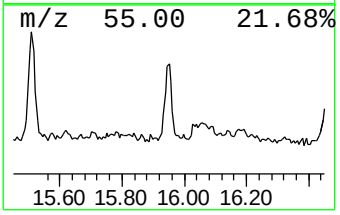












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Instrument : BNA_F
ClientSampleId : RO-209

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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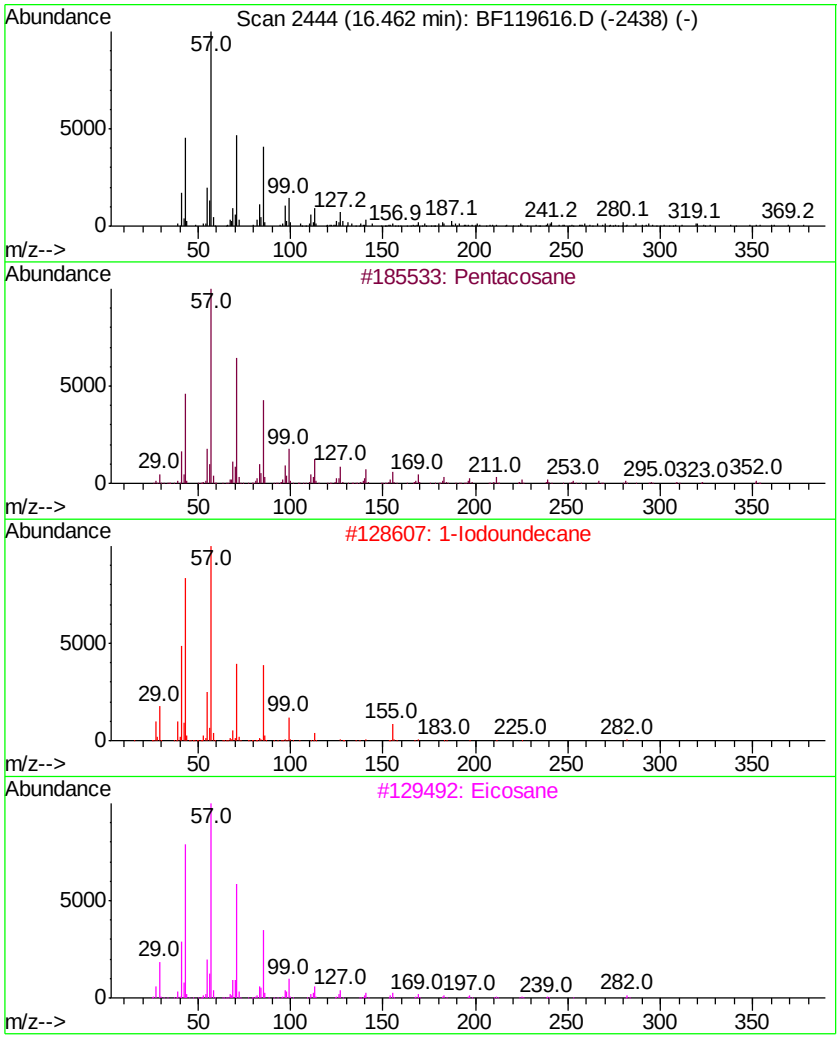
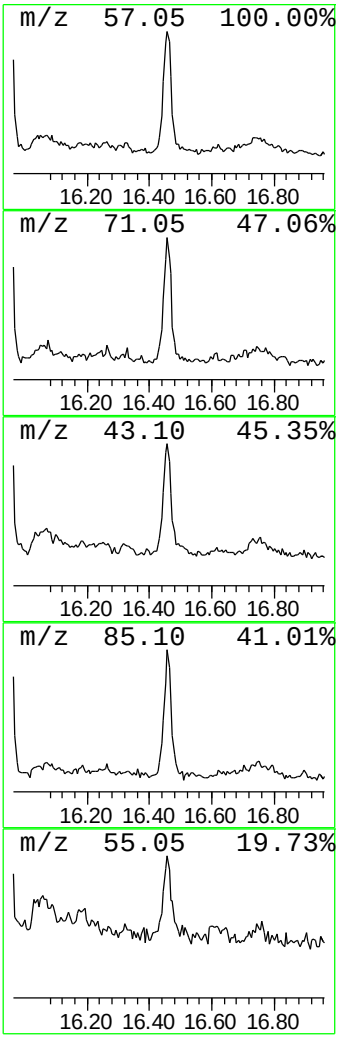
Peak Number 20 Pentacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	5.74 ng	390681	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	86
2	1-Iodoundecane	282	C11H23I	004282-44-4	81
3	Eicosane	282	C20H42	000112-95-8	80
4	Heneicosane	296	C21H44	000629-94-7	72
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
Data File : BF119616.D
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Sample : L2040-13
Misc :
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Instrument : BNA_F
ClientSampleId : RO-209

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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
Butane, 2-methoxy...	2.13	4.7	ng	428794	1	6.83	1820360	20.0
2-Pentanone, 4-hy...	5.06	13.1	ng	1193770	1	6.83	1820360	20.0
Tridecane, 5-propyl-	10.80	2.5	ng	266392	4	11.36	2133130	20.0
Cetene	11.82	2.7	ng	291338	4	11.36	2133130	20.0
n-Hexadecanoic acid	11.90	26.1	ng	2788610	4	11.36	2133130	20.0
4H-Cyclopenta[def...	11.97	8.0	ng	852283	4	11.36	2133130	20.0
9,12-Octadecadien...	12.45	3.2	ng	337320	4	11.36	2133130	20.0
Octadecanoic acid	12.68	10.7	ng	1144860	4	11.36	2133130	20.0
11H-Benzo[a]fluorene	13.13	3.1	ng	448214	5	14.00	2845480	20.0
11H-Benzo[b]fluorene	13.20	2.9	ng	413676	5	14.00	2845480	20.0
Oxalic acid, isob...	13.86	5.9	ng	842621	5	14.00	2845480	20.0
Heptacosane	14.17	3.5	ng	500648	5	14.00	2845480	20.0
Hexadecane	14.48	4.6	ng	654305	5	14.00	2845480	20.0
Hentriacontane	14.79	11.7	ng	794799	6	15.47	1361060	20.0
Supraene	14.86	8.7	ng	592337	6	15.47	1361060	20.0
Octacosane	15.13	13.5	ng	915730	6	15.47	1361060	20.0
Benzo[e]pyrene	15.34	5.3	ng	363351	6	15.47	1361060	20.0
Docosane	15.95	9.3	ng	635170	6	15.47	1361060	20.0
Pentacosane	16.46	5.7	ng	390681	6	15.47	1361060	20.0