LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119440.D
Acq On : 19 Mar 2020 3:13
Operator : CG/JU
Sample : L1759-11 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031620

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	2.128	3	7	14	rVB2	156910	224777	5.05%	0.330%
2	3.922	308	312	318	rBV	41421	54723	1.23%	0.080%
3	5.057	501	505	512	rVB	55683	68870	1.55%	0.101%
4	5.457	569	573	576	rBV	4671719	4286732	96.31%	6.296%
5	6.469	740	745	748	rBV	4564097	4169598	93.67%	6.124%
6	6.675	777	780	786	rBV	56517	58086	1.30%	0.085%
7	6.851	807	810	814	rVB	2415962	2212661	49.71%	3.250%
8	7.010	833	837	840	rBV	3953546	3366521	75.63%	4.944%
9	7.416	899	906	909	rBV	2781494	2647805	59.49%	3.889%
10	8.139	1024	1029	1032	rBV	3304129	2791384	62.71%	4.100%
11	8.851	1147	1150	1153	rVB	105674	87253	1.96%	0.128%
12	8.951	1164	1167	1170	rVB	105203	82358	1.85%	0.121%
13	9.216	1207	1212	1216	rBV	4970981	4451138	100.00%	6.537%
14	9.333	1230	1232	1236	rVB	135041	107236	2.41%	0.157%
15	9.480	1252	1257	1261	rBV2	52553	74688	1.68%	0.110%
16	9.557	1265	1270	1272	rBV	105316	101964	2.29%	0.150%
17	9.610	1276	1279	1283	rVB	795724	617751	13.88%	0.907%
18	9.674	1287	1290	1292	rBV	47688	49607	1.11%	0.073%
19	9.757	1301	1304	1309	rBV	167064	152294	3.42%	0.224%
20	9.898	1322	1328	1331	rBV	3219448	2677255	60.15%	3.932%
21	9.927	1331	1333	1337	rVB	188095	164225	3.69%	0.241%
22	10.098	1358	1362	1366	rVB	156961	142732	3.21%	0.210%
23	10.216	1376	1382	1384	rBV4	48705	55249	1.24%	0.081%
24	10.304	1393	1397	1399	rBV3	40643	52956	1.19%	0.078%
25	10.445	1418	1421	1427	rVB	254537	209314	4.70%	0.307%
26	10.510	1427	1432	1434	rBV2	42136	52334	1.18%	0.077%
27	10.604	1445	1448	1452	rVB	65556	50760	1.14%	0.075%
28	10.680	1457	1461	1465	rBV	2362268	2178137	48.93%	3.199%
29	10.810	1479	1483	1490	rVB2	123738	155447	3.49%	0.228%
30	10.998	1510	1515	1517	rBV3	46882	57542	1.29%	0.085%
31	11.092	1526	1531	1534	rBV2	43436	68454	1.54%	0.101%
32	11.186	1544	1547	1552	rVB	88710	94275	2.12%	0.138%
33	11.233	1552	1555	1558	rBV2	56852	72414	1.63%	0.106%
34	11.280	1561	1563	1568	rVB2	133658	138724	3.12%	0.204%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1759-11 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031620

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	11.386	1577	1581	1583	rBV	2705204	2288404	51.41%	3.361%
36	11.410	1583	1585	1588	rVV	1773371	1335456	30.00%	1.961%
37	11.457	1588	1593	1596	rVV	499774	492319	11.06%	0.723%
38	11.492	1596	1599	1603	rVV2	77150	76014	1.71%	0.112%
39	11.610	1613	1619	1622	rBV2	165834	186003	4.18%	0.273%
40	11.686	1629	1632	1635	rBV	102940	81532	1.83%	0.120%
41	11.716	1635	1637	1640	rVB2	71468	57337	1.29%	0.084%
42	11.886	1663	1666	1668	rBV	276591	240791	5.41%	0.354%
43	11.916	1668	1671	1675	rVV	738896	670654	15.07%	0.985%
44	11.963	1675	1679	1681	rVV	178875	165382	3.72%	0.243%
45	11.998	1681	1685	1688	rVV	481497	548090	12.31%	0.805%
46	12.021	1688	1689	1692	rVB	206026	115430	2.59%	0.170%
47	12.092	1698	1701	1704	rVB2	71894	63219	1.42%	0.093%
48	12.186	1714	1717	1718	rBV	164619	151671	3.41%	0.223%
49	12.204	1718	1720	1724	rVB2	112989	102138	2.29%	0.150%
50	12.333	1740	1742	1745	rVB	73933	54189	1.22%	0.080%
51	12.363	1745	1747	1749	rBV	83925	66929	1.50%	0.098%
52	12.386	1749	1751	1753	rVB	69358	60531	1.36%	0.089%
53	12.439	1756	1760	1763	rBV	216974	243053	5.46%	0.357%
54	12.480	1763	1767	1771	rVV2	137466	201363	4.52%	0.296%
55	12.521	1771	1774	1779	rVB3	169479	175357	3.94%	0.258%
56	12.598	1783	1787	1790	rBV	2806922	2527543	56.78%	3.712%
57	12.645	1790	1795	1801	rVB5	78665	138115	3.10%	0.203%
58	12.698	1801	1804	1807	rBV3	221042	232178	5.22%	0.341%
59	12.751	1811	1813	1817	rVB2	85438	72217	1.62%	0.106%
60	12.827	1820	1826	1829	rBV2	2536868	2708491	60.85%	3.978%
61	12.874	1832	1834	1840	rVB2	114768	154018	3.46%	0.226%
62	12.945	1843	1846	1847	rBV	160606	127684	2.87%	0.188%
63	12.974	1847	1851	1857	rVB	3886269	3421531	76.87%	5.025%
64	13.045	1858	1863	1866	rBV2	219265	344933	7.75%	0.507%
65	13.133	1875	1878	1880	rBV3	156604	203816	4.58%	0.299%
66	13.157	1880	1882	1885	rVB	480008	382809	8.60%	0.562%
67	13.186	1885	1887	1889	rBV2	55280	58172	1.31%	0.085%
68	13.221	1889	1893	1896	rVB2	361400	351808	7.90%	0.517%
69	13.257	1896	1899	1902	rBV	354705	389750	8.76%	0.572%
70	13.286	1902	1904	1907	rVB3	75463	61838	1.39%	0.091%
71	13.321	1907	1910	1912	rBV3	64555	71418	1.60%	0.105%

LSC Area Percent Report

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Acq On : 19 Mar 2020 3:13
Operator : CG/JU
Sample : L1759-11 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031620

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

72	13.351	1913	1915	1918	rVB	207574	174770	3.93%	0.257%
73	13.380	1918	1920	1924	rBV2	199827	227735	5.12%	0.334%
74	13.457	1931	1933	1938	rVB5	87519	97378	2.19%	0.143%
75	13.533	1944	1946	1947	rBV2	63661	55748	1.25%	0.082%
76	13.557	1947	1950	1952	rVV3	158684	145851	3.28%	0.214%
77	13.662	1965	1968	1973	rVB	190967	253671	5.70%	0.373%
78	13.774	1983	1987	1990	rBV2	219514	313245	7.04%	0.460%
79	13.804	1990	1992	1994	rVV	252771	207572	4.66%	0.305%
80	13.827	1994	1996	2000	rVV2	207857	256107	5.75%	0.376%
81	13.874	2000	2004	2009	rVB4	571556	719768	16.17%	1.057%
82	14.027	2025	2030	2033	rBV2	2584548	3638996	81.75%	5.344%
83	14.051	2033	2034	2040	rVB	1263409	1025014	23.03%	1.505%
84	14.133	2046	2048	2051	rVB	249151	186086	4.18%	0.273%
85	14.204	2057	2060	2064	rVB2	293038	360993	8.11%	0.530%
86	14.245	2064	2067	2070	rBV2	157268	192233	4.32%	0.282%
87	14.380	2087	2090	2091	rBV	128353	120459	2.71%	0.177%
88	14.415	2093	2096	2099	rVB	305664	303276	6.81%	0.445%
89	14.445	2099	2101	2105	rVB2	209568	179586	4.03%	0.264%
90	14.509	2109	2112	2114	rBV2	605377	527167	11.84%	0.774%
91	14.539	2114	2117	2118	rBV3	125099	104015	2.34%	0.153%
92	14.815	2162	2164	2167	rBV	302899	299394	6.73%	0.440%
93	15.068	2203	2207	2210	rBV	1056291	1645397	36.97%	2.417%
94	15.162	2220	2223	2232	rVB3	499933	1018225	22.88%	1.495%
95	15.374	2255	2259	2265	rVB	691828	855217	19.21%	1.256%
96	15.433	2265	2269	2273	rVV	895337	1140833	25.63%	1.675%
97	15.504	2276	2281	2284	rVV	1347687	1734574	38.97%	2.547%
98	15.551	2284	2289	2293	rVB2	439045	806656	18.12%	1.185%
99	15.998	2361	2365	2369	rBV	323782	450465	10.12%	0.662%
100	16.968	2526	2530	2537	rVB2	344579	651562	14.64%	0.957%

Sum of corrected areas: 68089440

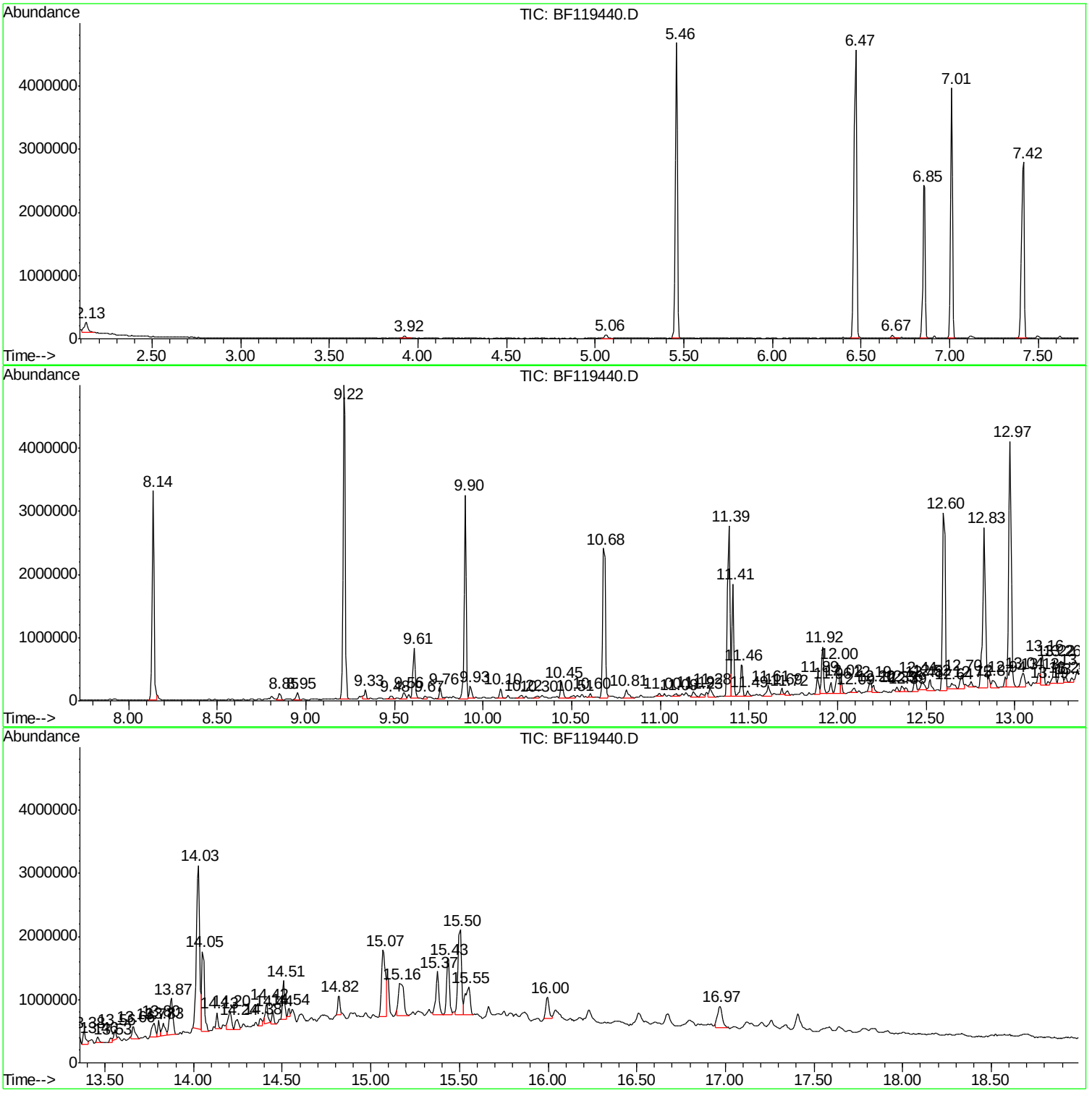
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119440.D
Acq On : 19 Mar 2020 3:13
Operator : CG/JU
Sample : L1759-11 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-031620

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\BF031820\
Data File : BF119440.D
Acq On : 19 Mar 2020 3:13
Operator : CG/JU
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031620

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

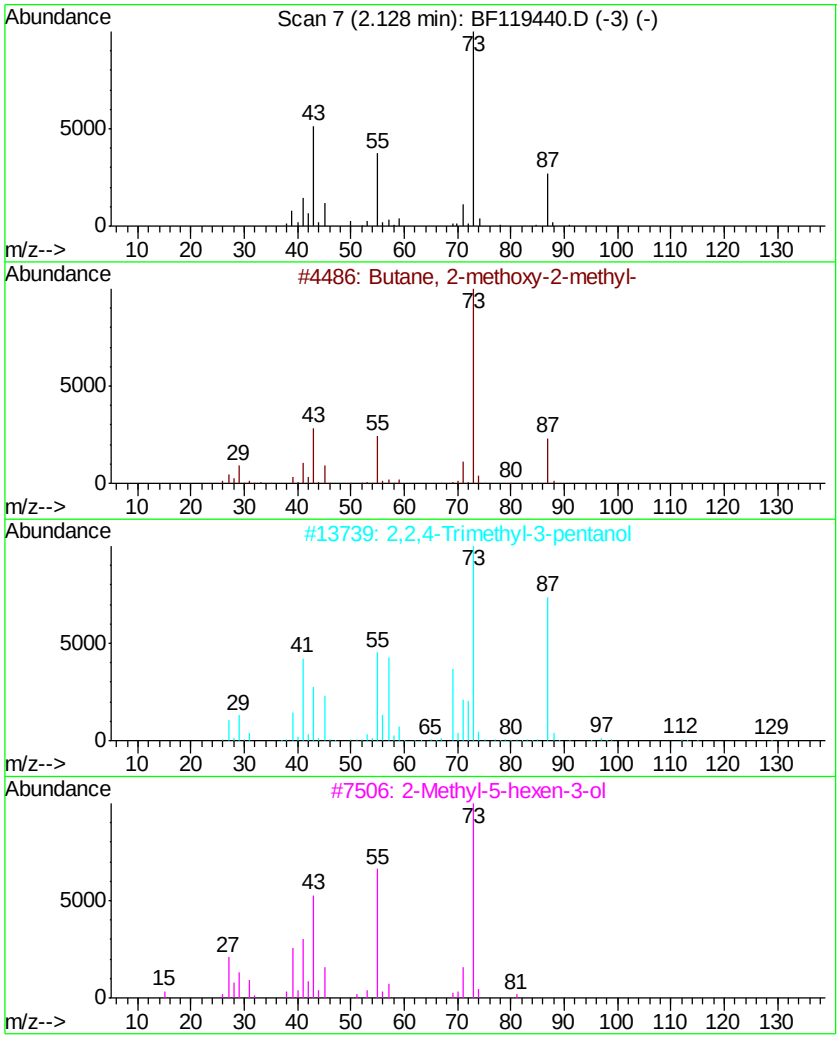
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

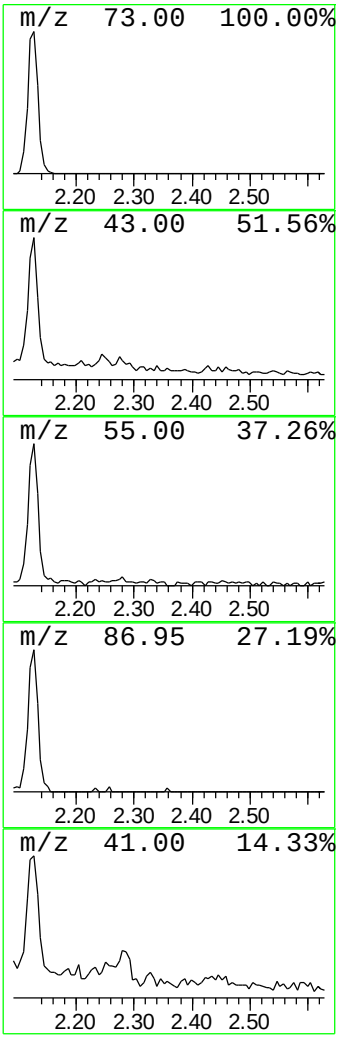
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	2.03 ng	224777	1,4-Dichlorobenzene-d4	6.86

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	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
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Misc :
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Instrument : BNA_F
ClientSampleId : OR-02-031620

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

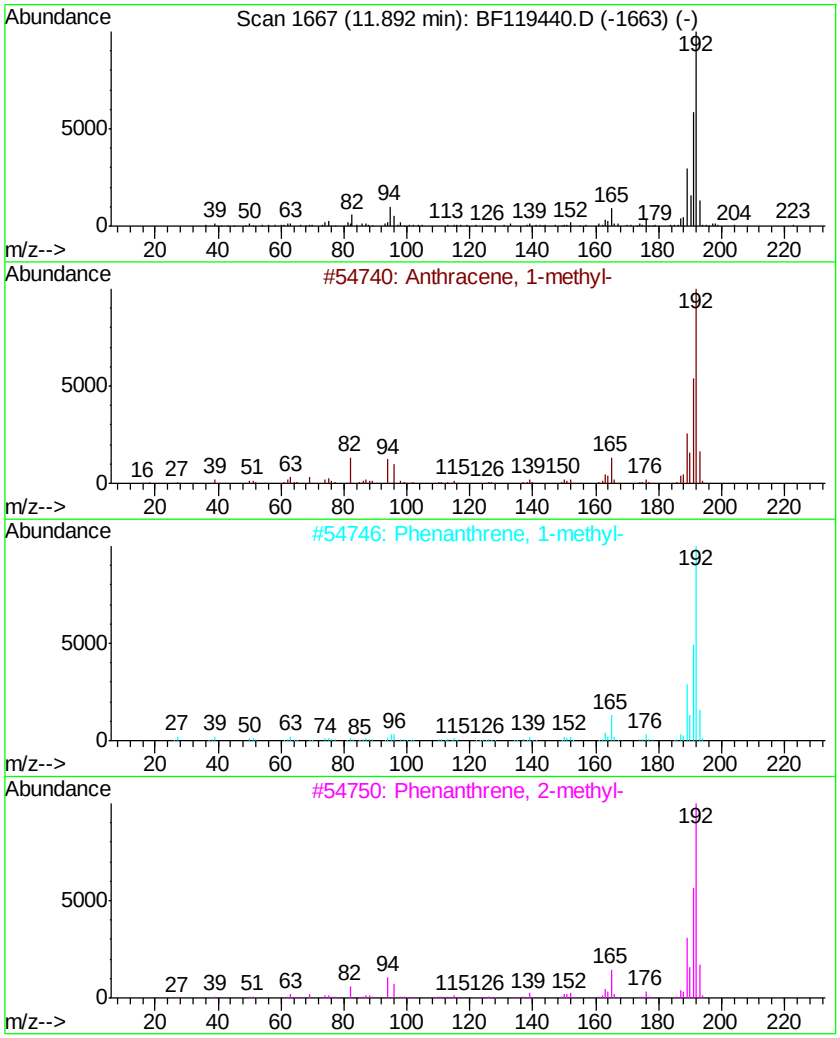
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

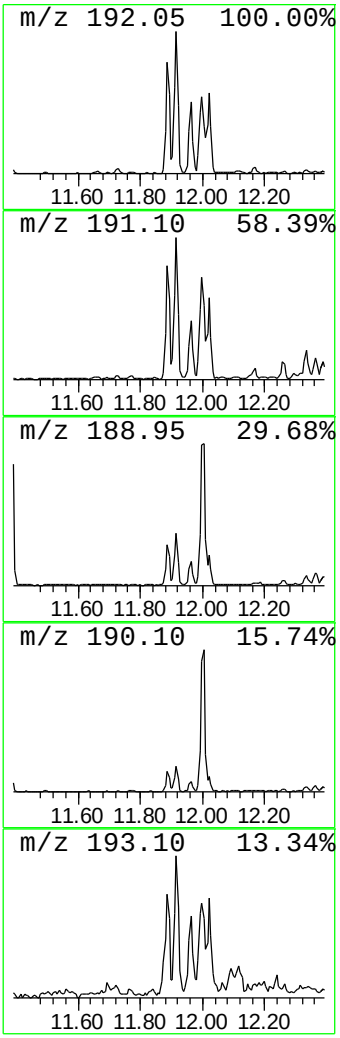
****

Peak Number 3 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	2.10 ng	240791	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Library Search Compound Report

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ClientSampleId : OR-02-031620

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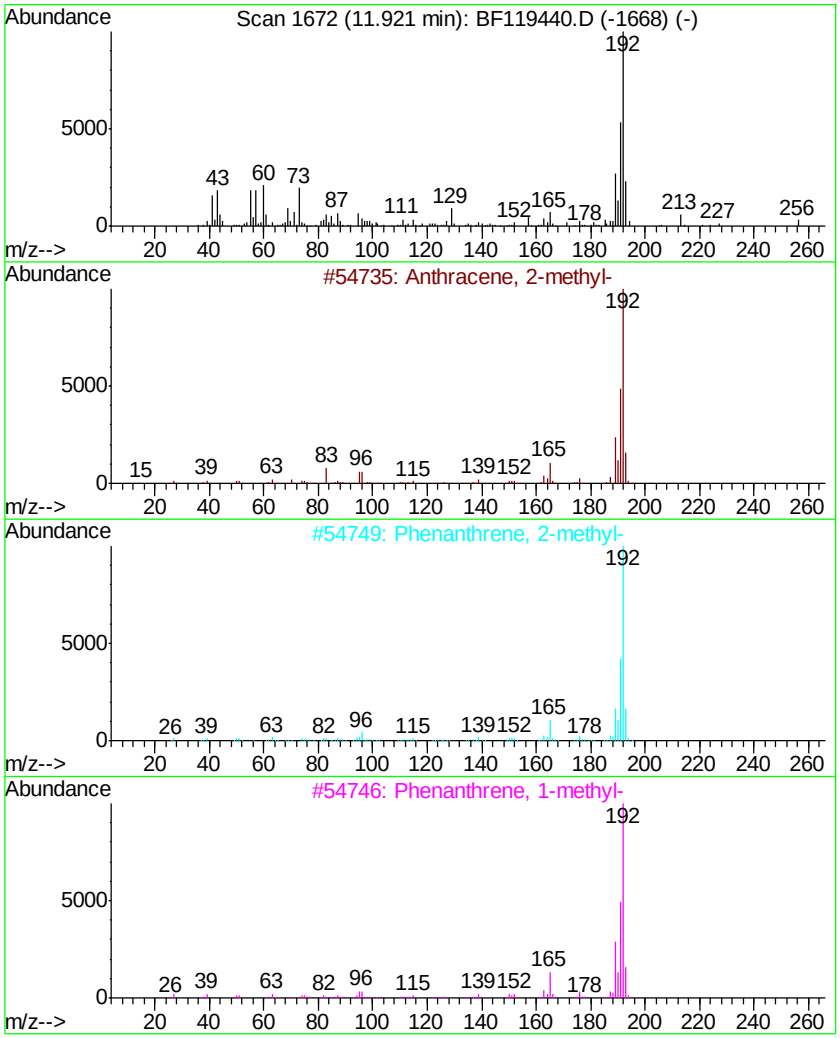
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

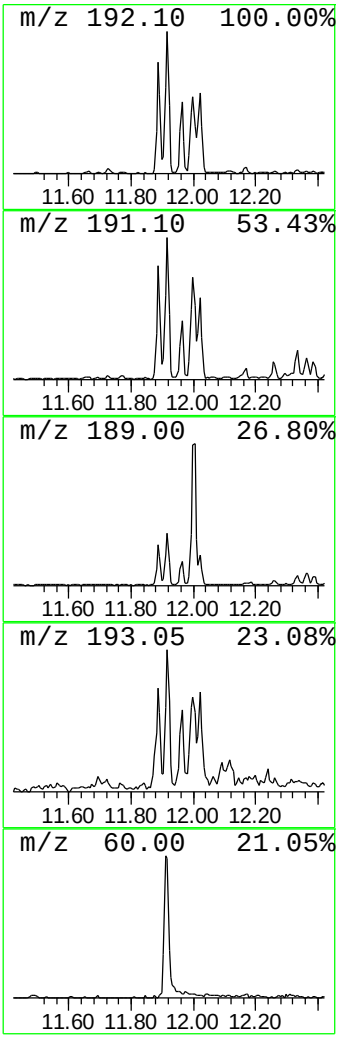
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	5.86 ng	670654	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031620

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

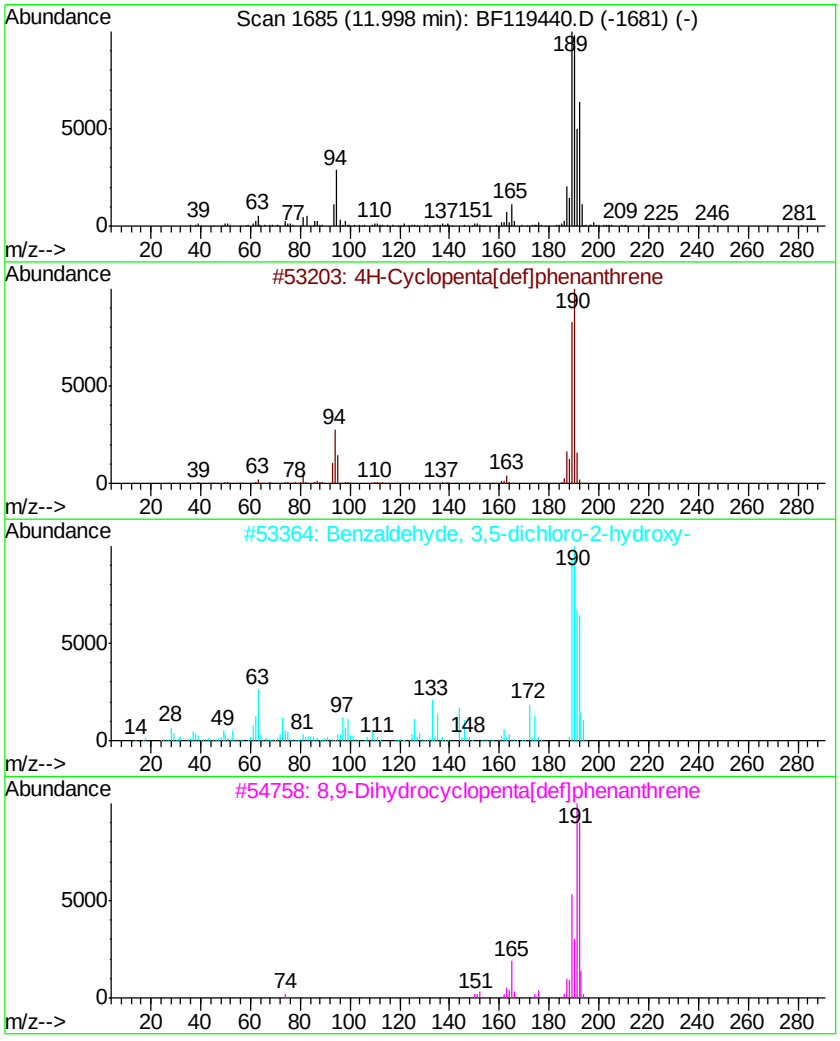
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

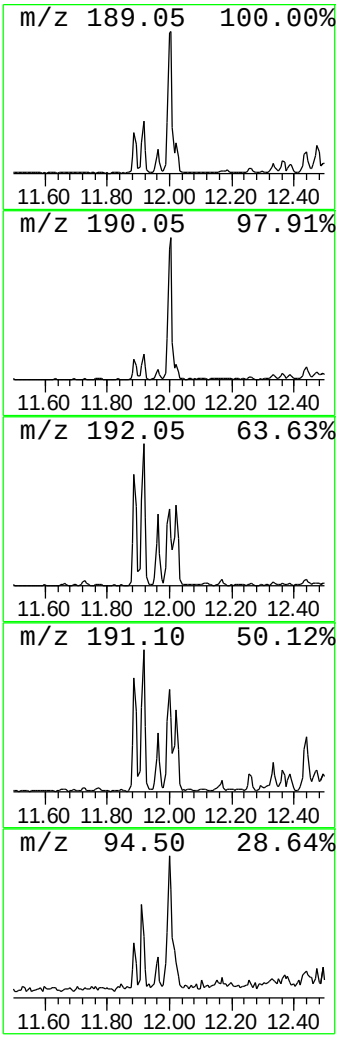
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	4.79 ng	548090	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	35
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119440.D
Acq On : 19 Mar 2020 3:13
Operator : CG/JU
Sample : L1759-11 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031620

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

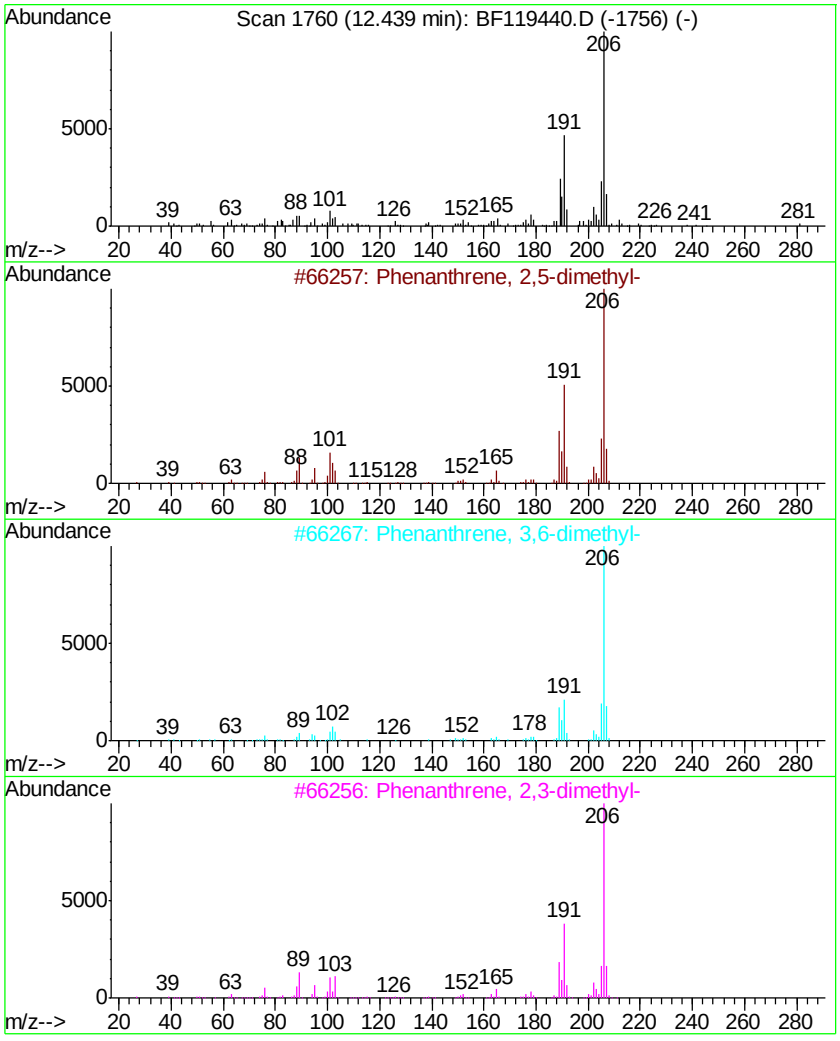
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

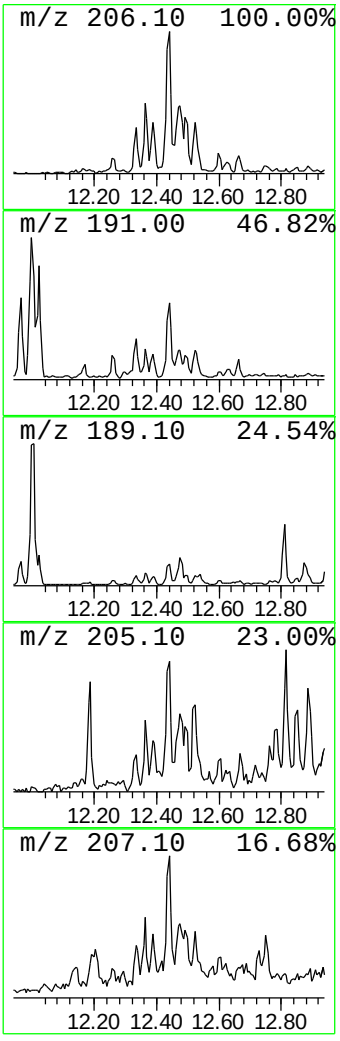
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	2.12 ng	243053	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	80





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Data File : BF119440.D
Acq On : 19 Mar 2020 3:13
Operator : CG/JU
Sample : L1759-11 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031620

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

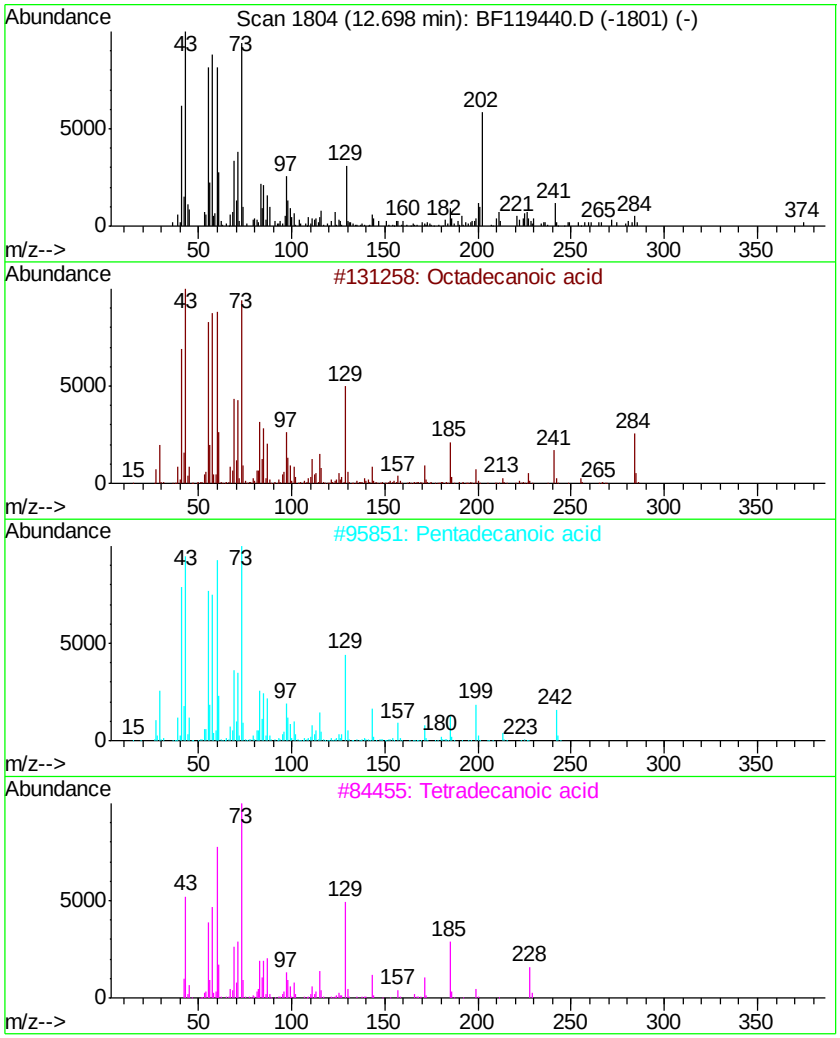
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

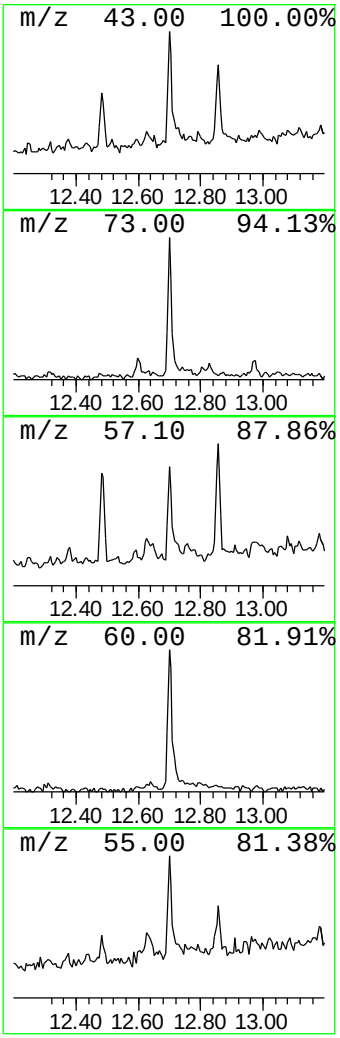
****

Peak Number 7 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	2.03 ng	232178	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





Library Search Compound Report

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Data File : BF119440.D
Acq On : 19 Mar 2020 3:13
Operator : CG/JU
Sample : L1759-11 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031620

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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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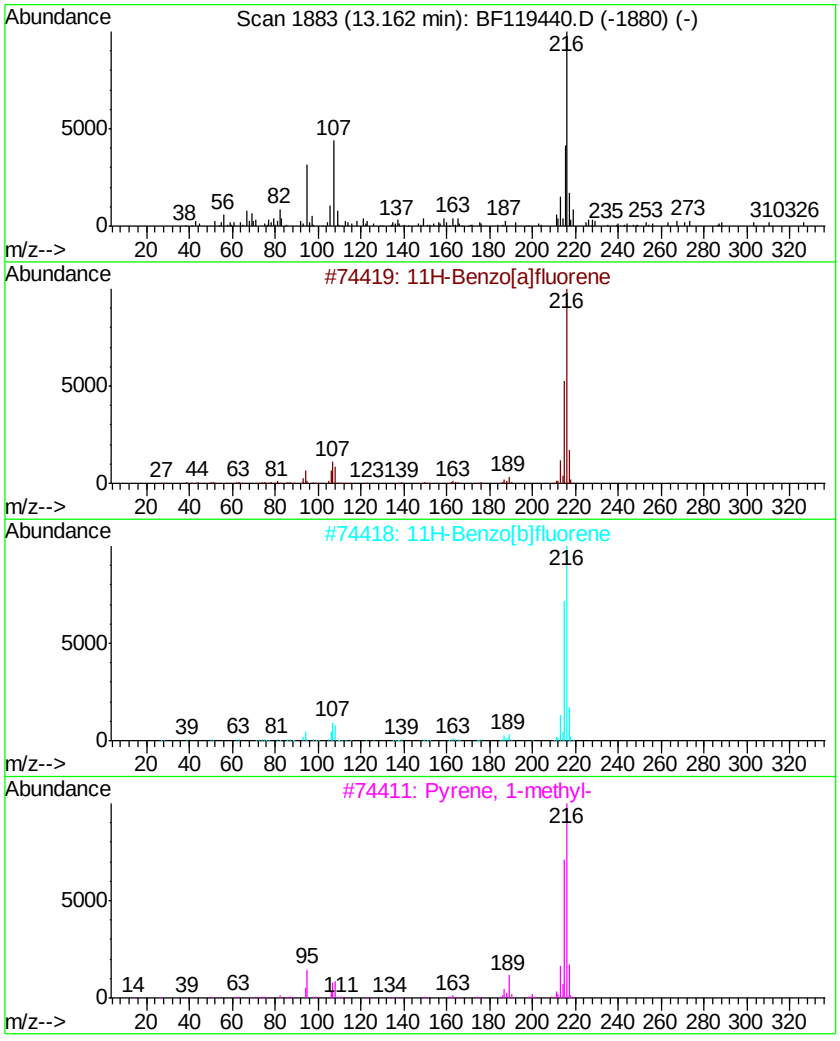
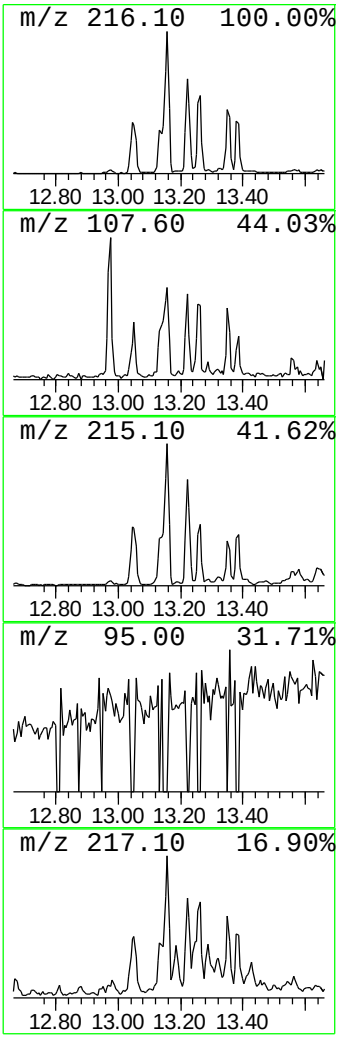
Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.10 ng	382809	Chrysene-d12	14.03

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	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74





Library Search Compound Report

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Data File : BF119440.D
Acq On : 19 Mar 2020 3:13
Operator : CG/JU
Sample : L1759-11 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031620

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

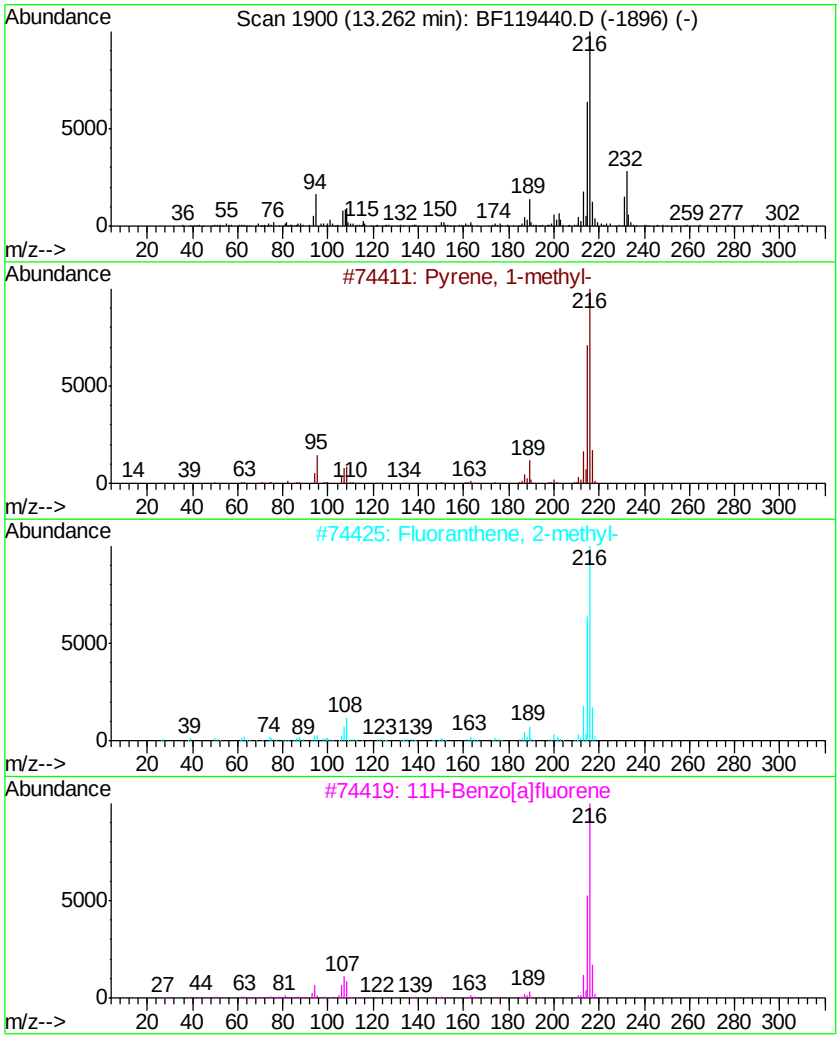
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

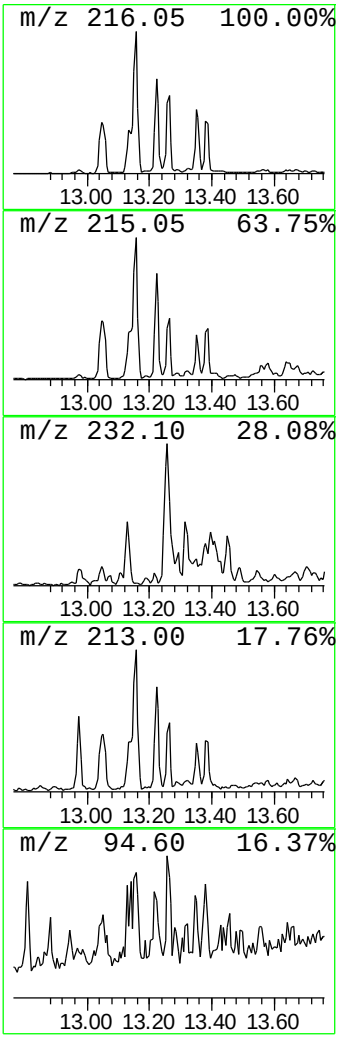
****

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.14 ng	389750	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	55
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	46





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Data File : BF119440.D
Acq On : 19 Mar 2020 3:13
Operator : CG/JU
Sample : L1759-11 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031620

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

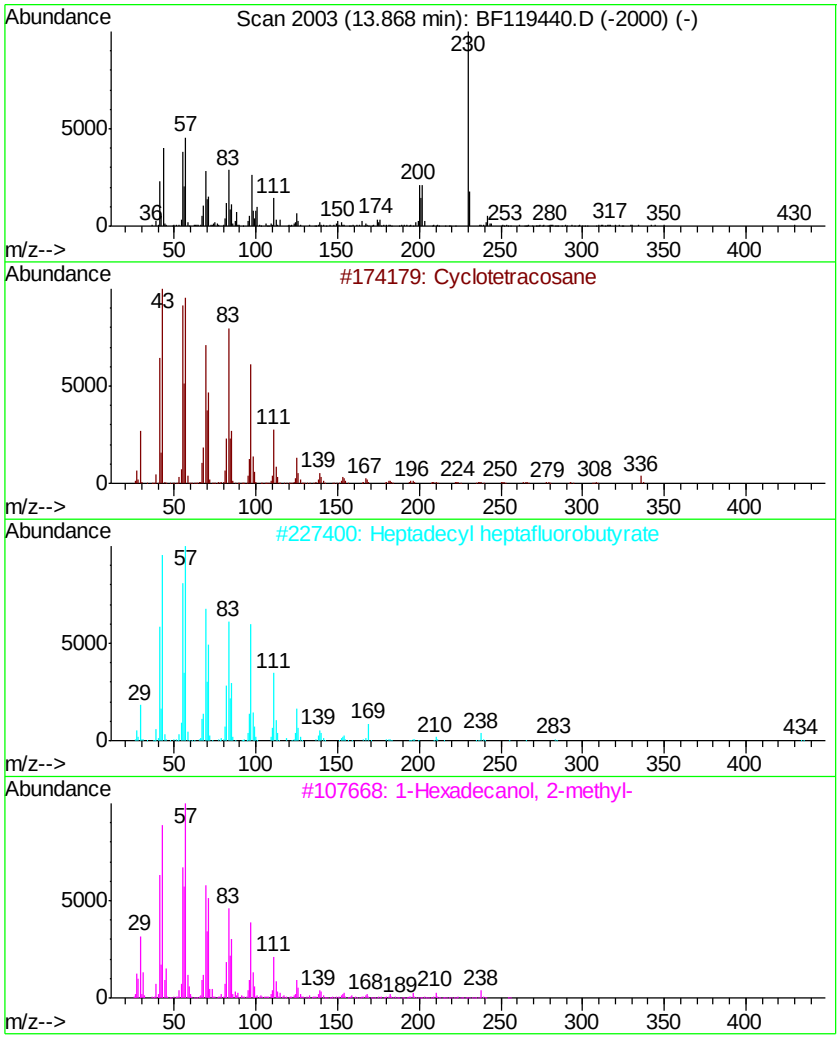
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

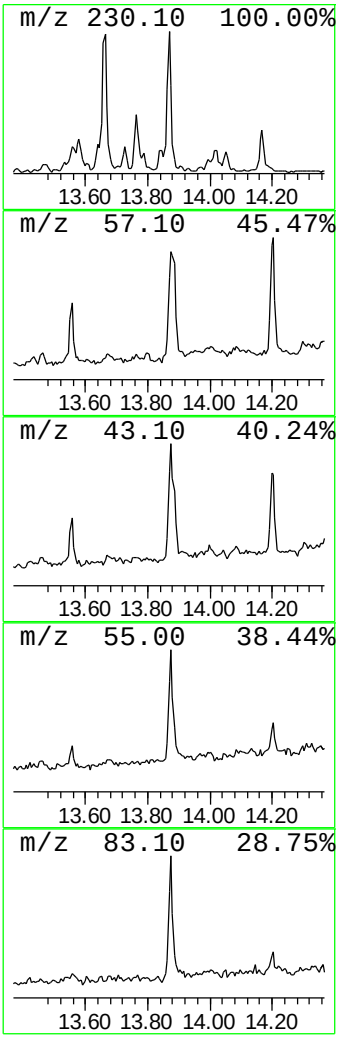
****

Peak Number 10 Cyclotetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.96 ng	719768	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	91
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	89
3	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	84
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	83
5	1-Docosene	308	C22H44	001599-67-3	83





Library Search Compound Report

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Data File : BF119440.D
Acq On : 19 Mar 2020 3:13
Operator : CG/JU
Sample : L1759-11 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-031620

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

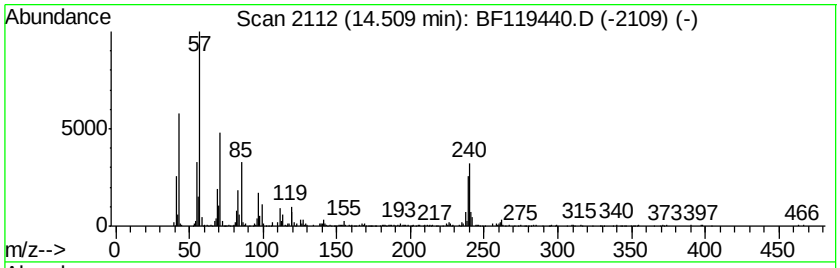
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

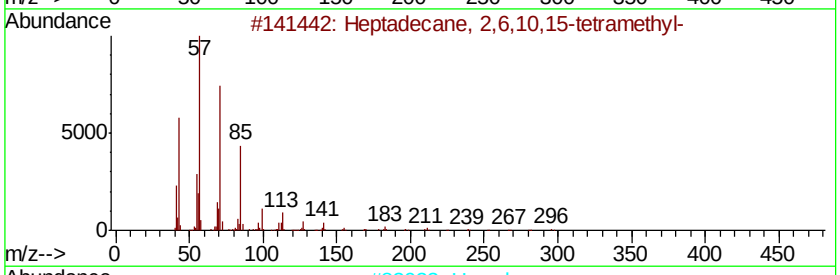
****

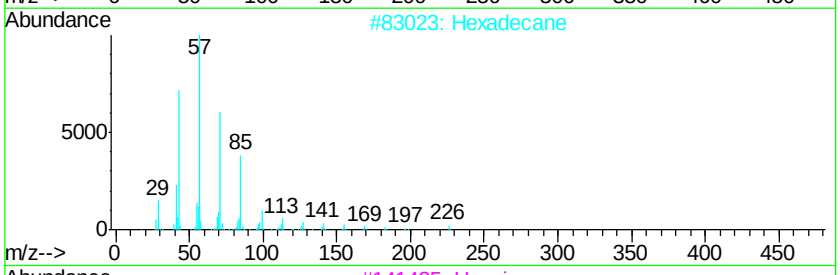
Peak Number 11 Heptadecane, 2,6,10,15-tetr... Concentration Rank 9

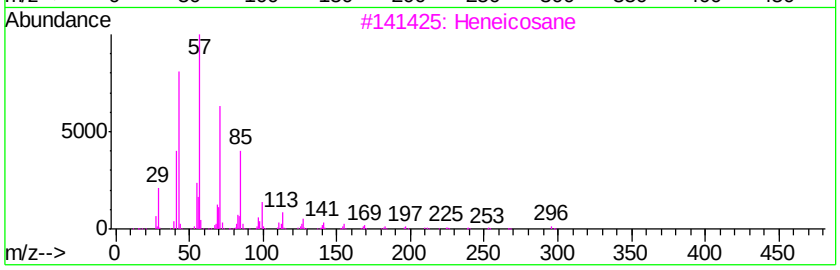
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	2.90 ng	527167	Chrysene-d12	14.03

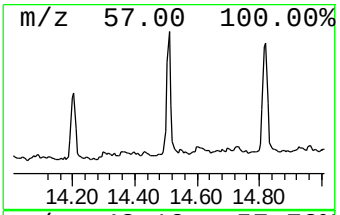
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89
2	Hexadecane	226	C16H34	000544-76-3	70
3	Heneicosane	296	C21H44	000629-94-7	64
4	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	62
5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	58

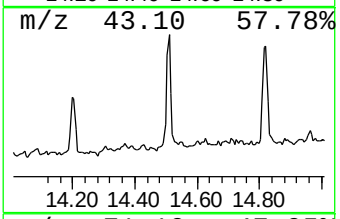


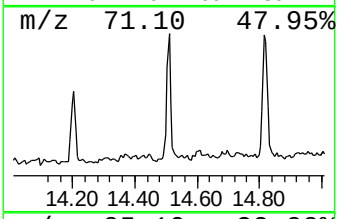


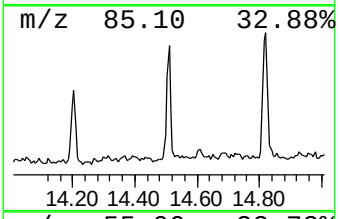


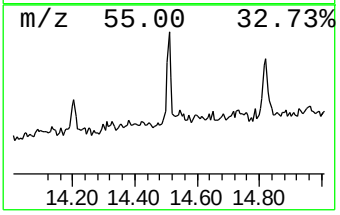












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119440.D
Acq On : 19 Mar 2020 3:13
Operator : CG/JU
Sample : L1759-11 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-031620

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

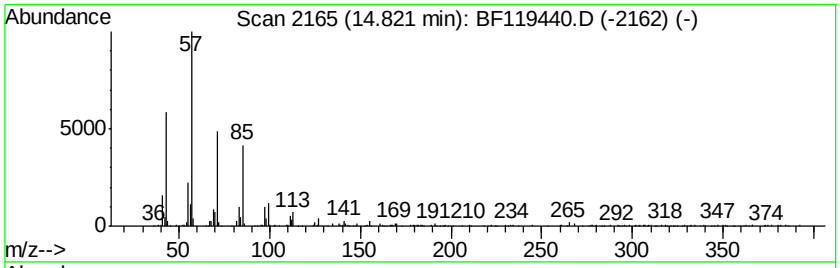
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

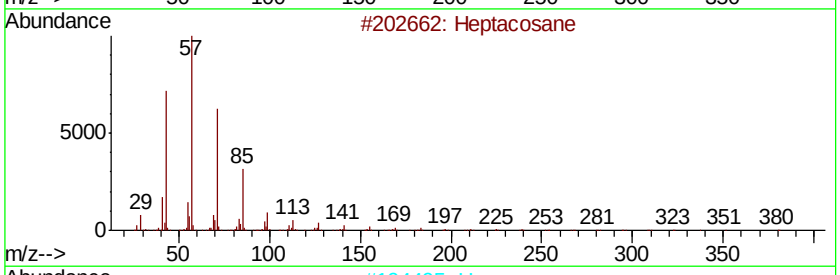
****

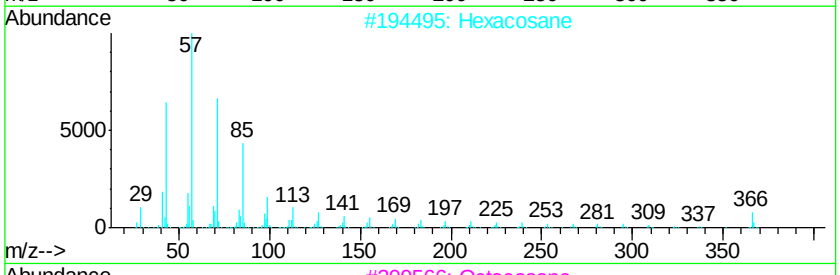
Peak Number 12 Heptacosane Concentration Rank 8

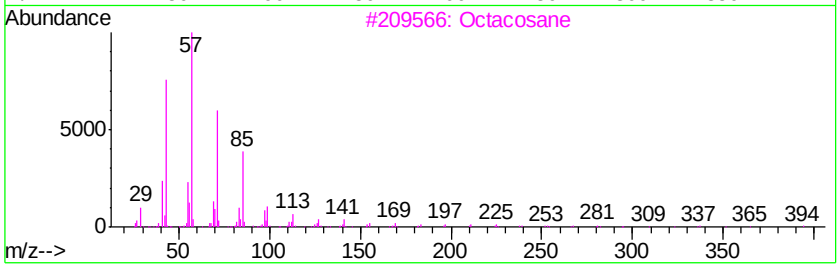
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	3.45 ng	299394	Perylene-d12	15.50

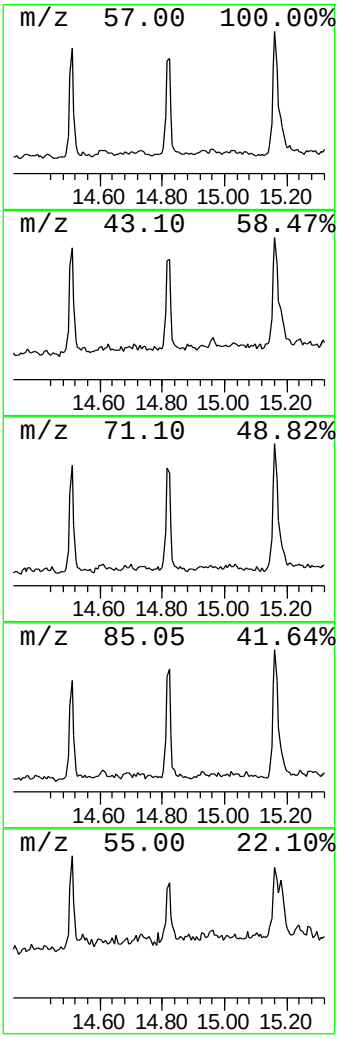
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	83
2	Hexacosane	366	C26H54	000630-01-3	83
3	Octacosane	394	C28H58	000630-02-4	80
4	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	80
5	Pentadecane	212	C15H32	000629-62-9	80











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Data File : BF119440.D
Acq On : 19 Mar 2020 3:13
Operator : CG/JU
Sample : L1759-11 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031620

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

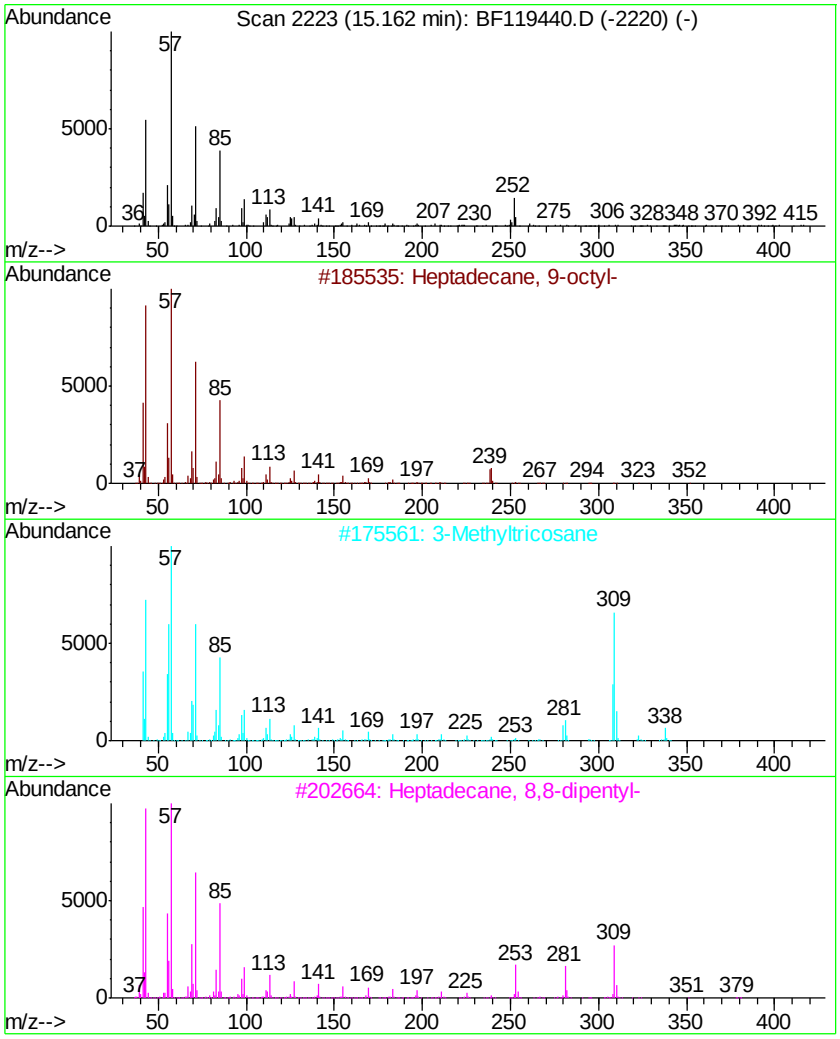
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

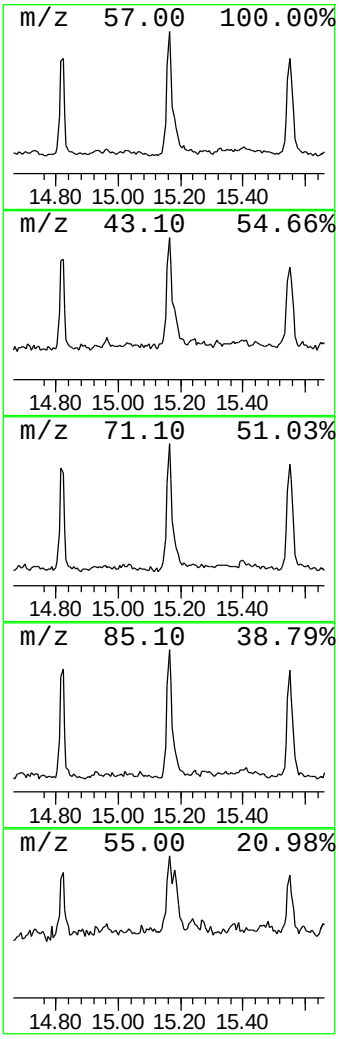
****

Peak Number 13 Heptadecane, 9-octyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	11.74 ng	1018230	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	96
2	3-Methyltricosane	338	C24H50	1000131-18-2	87
3	Heptadecane, 8,8-dipentyl-	380	C27H56	055282-28-5	87
4	Octadecane	254	C18H38	000593-45-3	72
5	Eicosane	282	C20H42	000112-95-8	72





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Data File : BF119440.D
Acq On : 19 Mar 2020 3:13
Operator : CG/JU
Sample : L1759-11 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031620

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

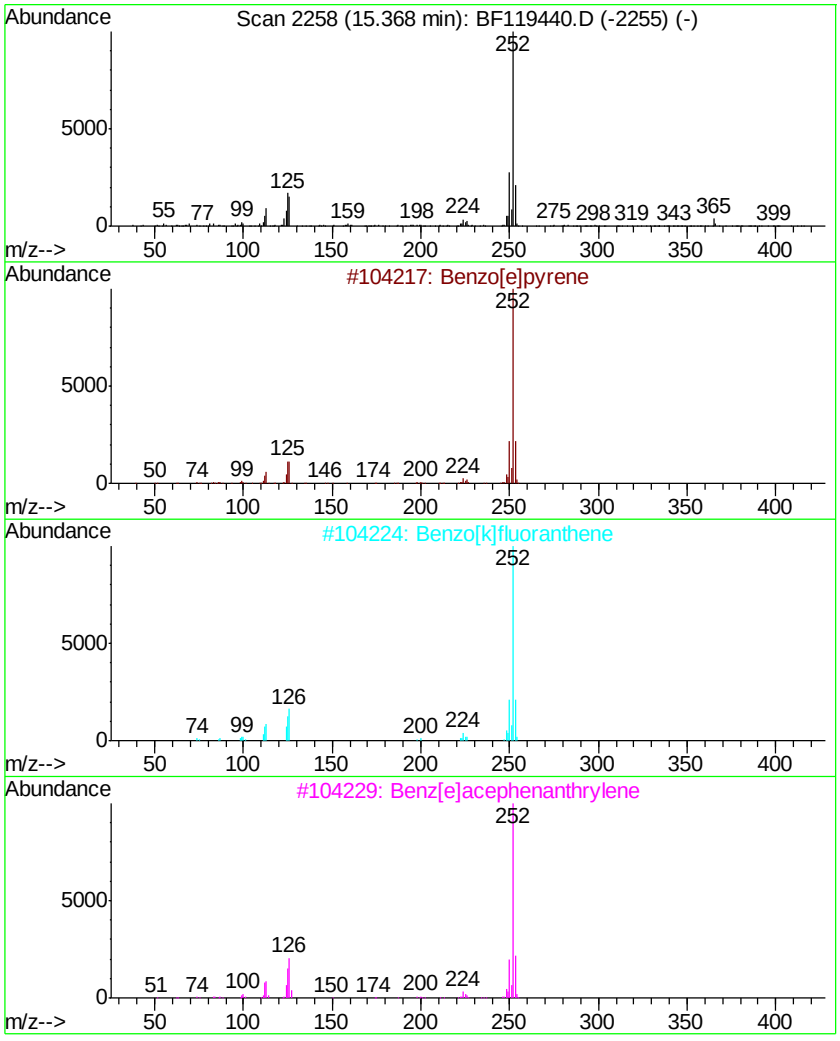
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

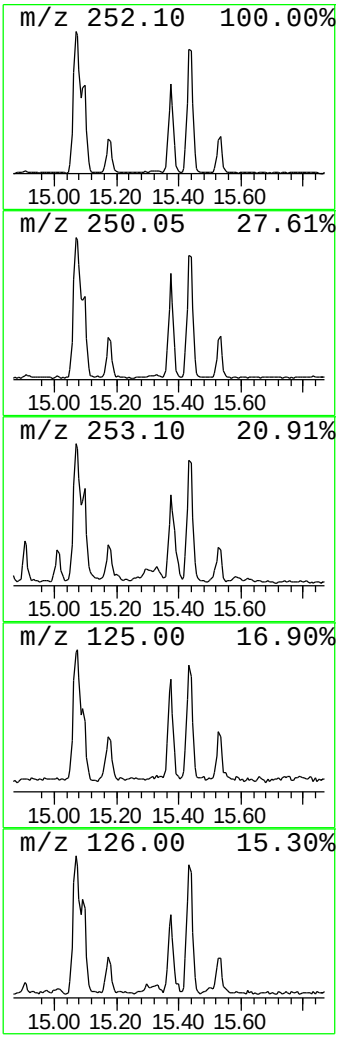
****

Peak Number 14 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	9.86 ng	855217	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Data File : BF119440.D
Acq On : 19 Mar 2020 3:13
Operator : CG/JU
Sample : L1759-11 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031620

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

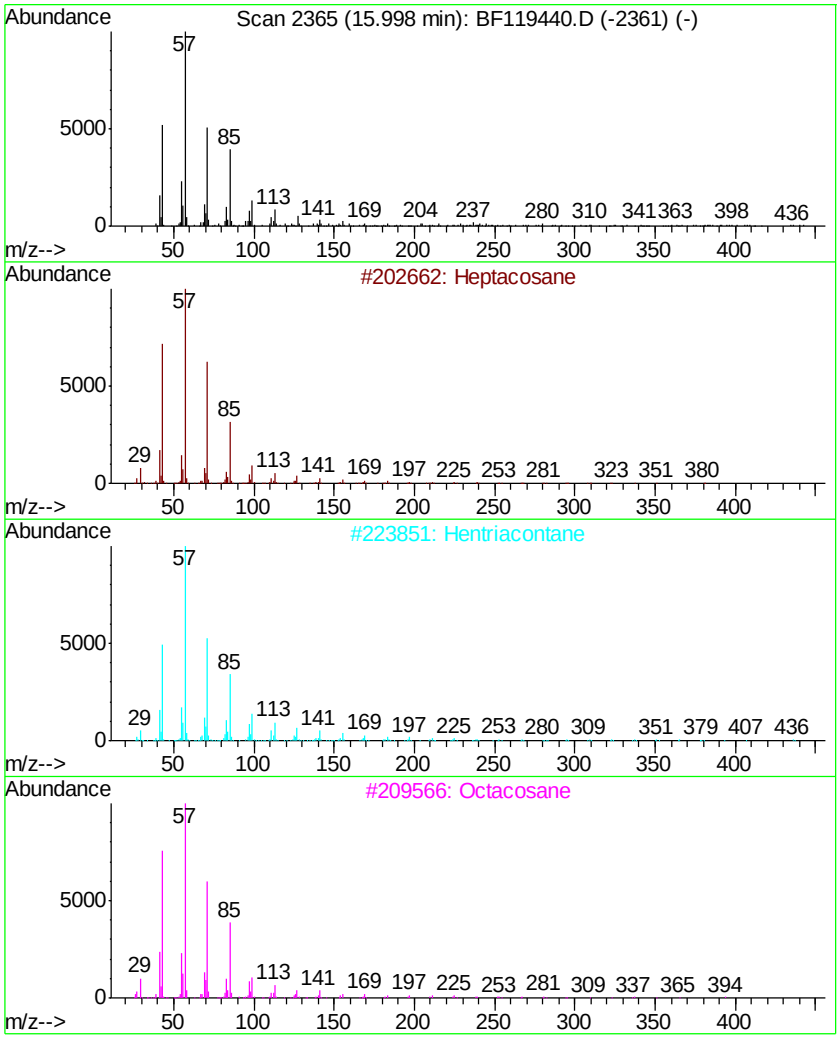
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

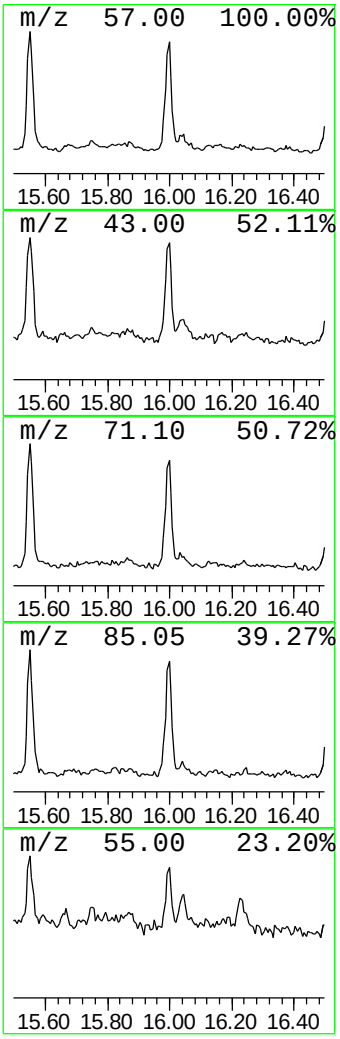
****

Peak Number 15 Hentriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	5.19 ng	450465	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	95
2	Hentriacontane	437	C31H64	000630-04-6	93
3	Octacosane	394	C28H58	000630-02-4	91
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
5	Tricosane	324	C23H48	000638-67-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
Data File : BF119440.D
Acq On : 19 Mar 2020 3:13
Operator : CG/JU
Sample : L1759-11 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-02-031620

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.13	2.0	ng	224777	1	6.86	2212660	20.0
Anthracene, 1-met...	11.89	2.1	ng	240791	4	11.39	2288400	20.0
Anthracene, 2-met...	11.92	5.9	ng	670654	4	11.39	2288400	20.0
4H-Cyclopenta[def...	12.00	4.8	ng	548090	4	11.39	2288400	20.0
Phenanthrene, 2,5...	12.44	2.1	ng	243053	4	11.39	2288400	20.0
Octadecanoic acid	12.70	2.0	ng	232178	4	11.39	2288400	20.0
11H-Benzo[a]fluorene	13.16	2.1	ng	382809	5	14.03	3639000	20.0
Pyrene, 1-methyl-	13.26	2.1	ng	389750	5	14.03	3639000	20.0
Cyclotetracosane	13.87	4.0	ng	719768	5	14.03	3639000	20.0
Heptadecane, 2,6,...	14.51	2.9	ng	527167	5	14.03	3639000	20.0
Heptacosane	14.82	3.5	ng	299394	6	15.50	1734570	20.0
Heptadecane, 9-oc...	15.16	11.7	ng	1018230	6	15.50	1734570	20.0
Benzo[e]pyrene	15.37	9.9	ng	855217	6	15.50	1734570	20.0
Hentriacontane	16.00	5.2	ng	450465	6	15.50	1734570	20.0