LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119461.D
Acq On : 20 Mar 2020 2:15
Operator : CG/JU
Sample : L1964-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2000448388

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	3.904	304	309	315	rBV	34110	50053	1.30%	0.069%
2	5.051	499	504	510	rVB	49423	64458	1.68%	0.089%
3	5.451	568	572	576	rBV	3830409	3744359	97.38%	5.189%
4	6.463	739	744	747	rBV	3749540	3687548	95.90%	5.111%
5	6.669	776	779	781	rBV	135364	105900	2.75%	0.147%
6	6.851	806	810	813	rBV	2379904	2035946	52.95%	2.822%
7	6.910	817	820	826	rBV	47829	48979	1.27%	0.068%
8	7.004	832	836	839	rBV	3561323	2943101	76.54%	4.079%
9	7.240	871	876	881	rBV2	54723	57262	1.49%	0.079%
10	7.410	898	905	908	rBV	2413796	2313121	60.16%	3.206%
11	8.134	1023	1028	1031	rBV	3166258	2632066	68.45%	3.648%
12	8.157	1031	1032	1036	rVB	229597	117443	3.05%	0.163%
13	8.734	1126	1130	1133	rBV2	59243	59359	1.54%	0.082%
14	8.810	1139	1143	1146	rBV	259304	233966	6.08%	0.324%
15	8.845	1146	1149	1154	rVB2	136406	141822	3.69%	0.197%
16	8.945	1163	1166	1170	rBV	73702	65569	1.71%	0.091%
17	9.210	1207	1211	1215	rBV	4319986	3845129	100.00%	5.329%
18	9.251	1215	1218	1222	rBV5	46732	53595	1.39%	0.074%
19	9.298	1222	1226	1230	rBV2	110234	132717	3.45%	0.184%
20	9.475	1253	1256	1260	rVB3	38399	49067	1.28%	0.068%
21	9.551	1263	1269	1271	rBV2	77132	83455	2.17%	0.116%
22	9.604	1275	1278	1283	rVV	724780	561621	14.61%	0.778%
23	9.751	1300	1303	1307	rBV	88552	104813	2.73%	0.145%
24	9.828	1314	1316	1319	rVB	102365	67090	1.74%	0.093%
25	9.892	1321	1327	1330	rBV	2835450	2387254	62.09%	3.308%
26	9.922	1330	1332	1336	rVB	125966	116737	3.04%	0.162%
27	10.016	1342	1348	1352	rBV7	36801	66685	1.73%	0.092%
28	10.092	1358	1361	1364	rVB2	111514	111246	2.89%	0.154%
29	10.304	1394	1397	1399	rBV2	41499	51821	1.35%	0.072%
30	10.328	1399	1401	1404	rVB	140819	107508	2.80%	0.149%
31	10.439	1417	1420	1425	rVB	132581	115600	3.01%	0.160%
32	10.551	1437	1439	1441	rVV2	65737	48721	1.27%	0.068%
33	10.598	1445	1447	1451	rVB3	59770	58910	1.53%	0.082%
34	10.680	1456	1461	1464	rBV	1895045	1813681	47.17%	2.514%

LSC Area Percent Report

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Sample : L1964-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2000448388

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	10.804	1479	1482	1489	rVB	235988	277015	7.20%	0.384%
36	11.180	1543	1546	1551	rVB	83443	96296	2.50%	0.133%
37	11.251	1551	1558	1560	rBV2	217150	252968	6.58%	0.351%
38	11.280	1560	1563	1569	rVB2	119934	155510	4.04%	0.216%
39	11.380	1576	1580	1582	rBV	2347494	1993635	51.85%	2.763%
40	11.404	1582	1584	1587	rVV	1599739	1158254	30.12%	1.605%
41	11.457	1587	1593	1596	rVV	352754	377600	9.82%	0.523%
42	11.486	1596	1598	1602	rVB3	55774	61981	1.61%	0.086%
43	11.604	1614	1618	1621	rBV2	137911	152350	3.96%	0.211%
44	11.680	1628	1631	1633	rBV	203819	152234	3.96%	0.211%
45	11.710	1633	1636	1639	rVB2	84025	88526	2.30%	0.123%
46	11.780	1644	1648	1653	rVB	1000201	814272	21.18%	1.128%
47	11.839	1654	1658	1661	rBV2	196332	263565	6.85%	0.365%
48	11.880	1663	1665	1667	rVV	261426	243882	6.34%	0.338%
49	11.910	1667	1670	1675	rVV	1378407	1236390	32.15%	1.714%
50	11.957	1675	1678	1681	rVV	173686	190403	4.95%	0.264%
51	11.992	1681	1684	1687	rVV2	423425	505932	13.16%	0.701%
52	12.016	1687	1688	1693	rVB	214791	147138	3.83%	0.204%
53	12.086	1698	1700	1703	rVB2	144600	111088	2.89%	0.154%
54	12.180	1713	1716	1718	rBV	172587	167243	4.35%	0.232%
55	12.198	1718	1719	1724	rVB2	137598	94496	2.46%	0.131%
56	12.327	1736	1741	1744	rBV2	112859	167167	4.35%	0.232%
57	12.357	1744	1746	1748	rBV	69689	62260	1.62%	0.086%
58	12.433	1756	1759	1762	rBV	244286	247401	6.43%	0.343%
59	12.469	1762	1765	1767	rVV	2882735	2804912	72.95%	3.887%
60	12.492	1767	1769	1771	rVV	4648581	3713872	96.59%	5.147%
61	12.510	1771	1772	1779	rVB5	402450	360738	9.38%	0.500%
62	12.574	1780	1783	1784	rBV	518591	397402	10.34%	0.551%
63	12.598	1784	1787	1790	rVV	2974996	3084768	80.23%	4.275%
64	12.627	1790	1792	1801	rVV	1777618	2062197	53.63%	2.858%
65	12.698	1801	1804	1810	rVV3	601709	573734	14.92%	0.795%
66	12.827	1820	1826	1828	rBV	2459991	2551887	66.37%	3.537%
67	12.851	1828	1830	1832	rVV2	130449	101919	2.65%	0.141%
68	12.874	1832	1834	1839	rVB2	99027	126243	3.28%	0.175%
69	12.945	1843	1846	1847	rBV2	116192	102405	2.66%	0.142%
70	12.969	1847	1850	1857	rVB	3471292	3125765	81.29%	4.332%
71	13.045	1859	1863	1866	rBV2	176057	266084	6.92%	0.369%

LSC Area Percent Report

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Sample : L1964-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : 2000448388

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	13.151	1875	1881	1884	rVB3	318709	475188	12.36%	0.659%
73	13.221	1889	1893	1895	rBV3	303131	327428	8.52%	0.454%
74	13.257	1895	1899	1902	rBV3	308481	341193	8.87%	0.473%
75	13.351	1912	1915	1917	rBV	189294	155304	4.04%	0.215%
76	13.380	1917	1920	1923	rVB2	203488	183674	4.78%	0.255%
77	13.551	1947	1949	1952	rVB2	137810	128954	3.35%	0.179%
78	13.657	1964	1967	1973	rVB	260847	223872	5.82%	0.310%
79	13.774	1982	1987	1989	rBV2	233714	344079	8.95%	0.477%
80	13.804	1989	1992	1994	rVV	224124	221364	5.76%	0.307%
81	13.827	1994	1996	2000	rVV2	193113	302618	7.87%	0.419%
82	13.868	2000	2003	2008	rVB4	546609	634988	16.51%	0.880%
83	14.021	2024	2029	2032	rBV2	2498802	3441048	89.49%	4.769%
84	14.051	2032	2034	2039	rVB	1340642	1107680	28.81%	1.535%
85	14.127	2045	2047	2051	rVB	189834	173440	4.51%	0.240%
86	14.198	2057	2059	2063	rVB3	240288	280666	7.30%	0.389%
87	14.410	2093	2095	2098	rVB	291025	244986	6.37%	0.340%
88	14.504	2108	2111	2114	rVB2	439092	359354	9.35%	0.498%
89	14.815	2161	2164	2166	rBV	305117	267368	6.95%	0.371%
90	15.068	2203	2207	2210	rBV	940039	1456005	37.87%	2.018%
91	15.157	2219	2222	2230	rVB2	427258	695900	18.10%	0.964%
92	15.368	2255	2258	2264	rVB	660385	855015	22.24%	1.185%
93	15.433	2265	2269	2274	rVV	856314	1049773	27.30%	1.455%
94	15.498	2276	2280	2283	rVV	1377797	1713835	44.57%	2.375%
95	15.539	2283	2287	2292	rVB3	408807	805754	20.96%	1.117%

Sum of corrected areas: 72155620

LSC Report - Integrated Chromatogram

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Data File : BF119461.D
Acq On : 20 Mar 2020 2:15
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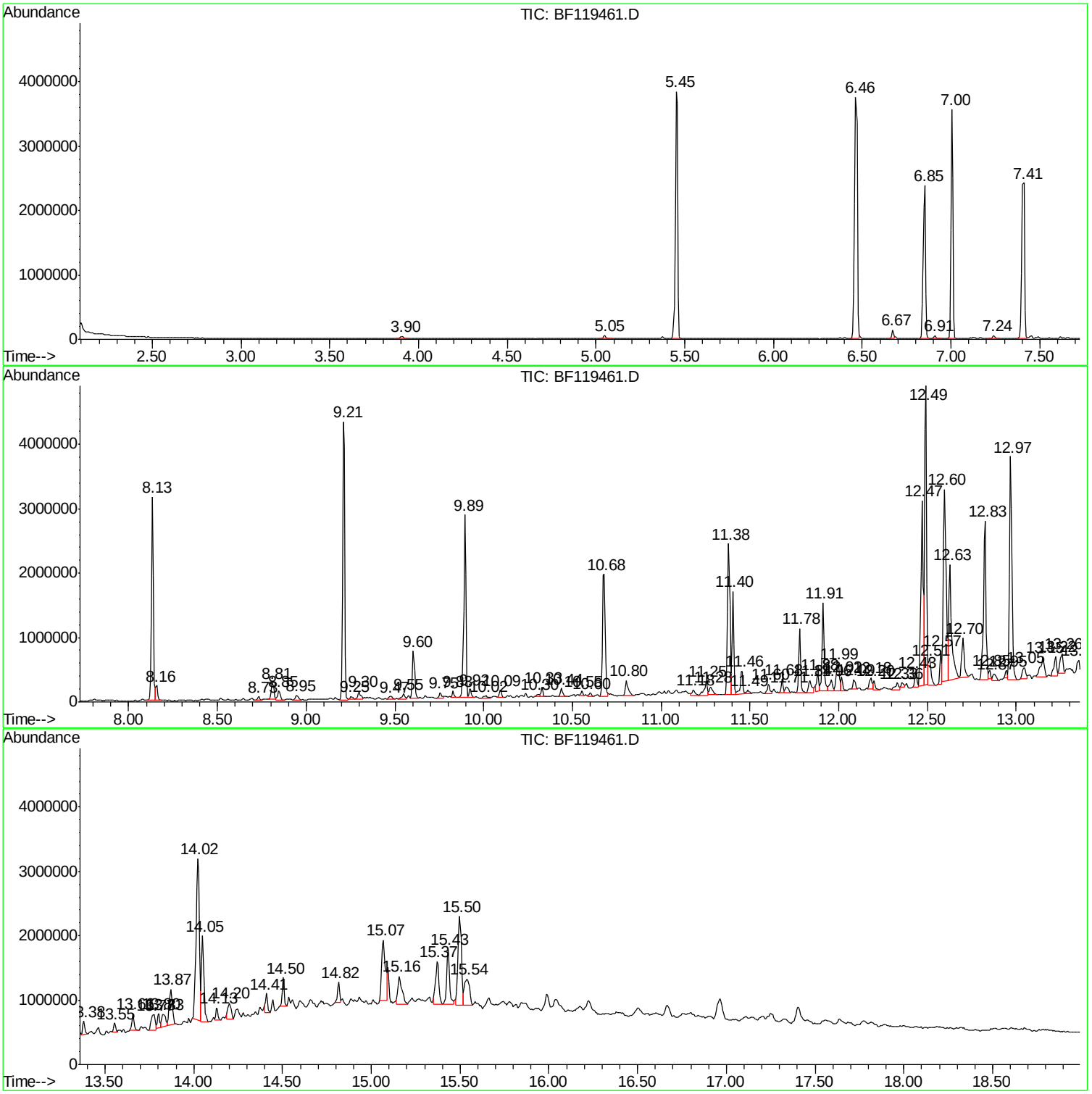
Sample : L1964-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2000448388

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119461.D
Acq On : 20 Mar 2020 2:15
Operator : CG/JU
Sample : L1964-01 2X
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

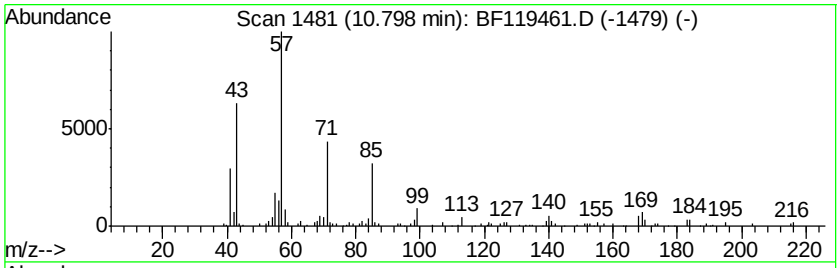
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

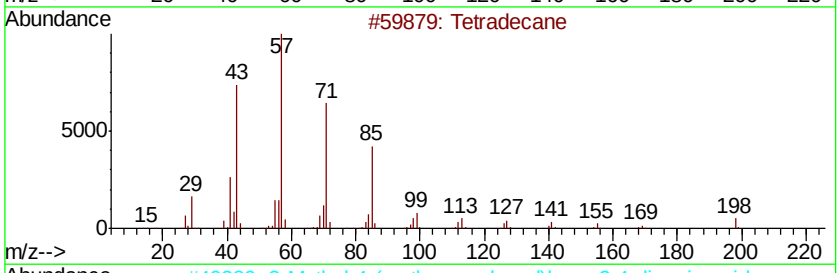
****

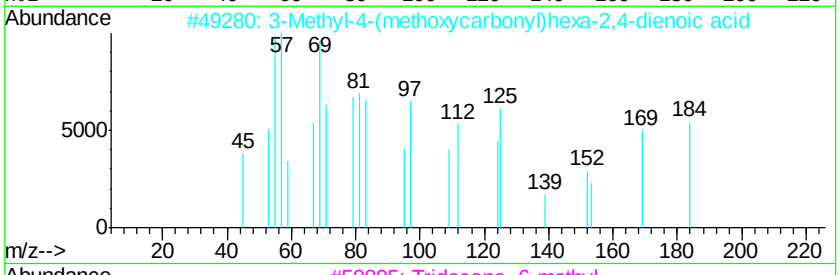
Peak Number 2 Tetradecane Concentration Rank 13

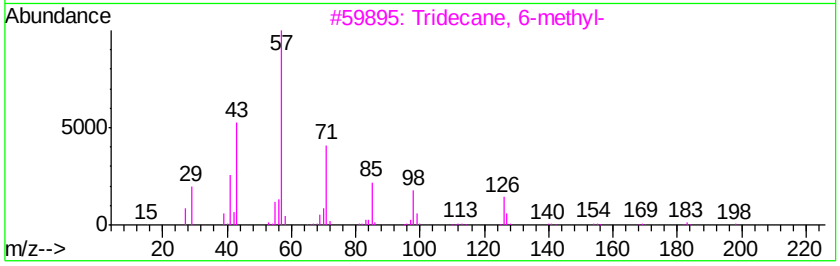
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.78 ng	277015	Phenanthrene-d10	11.38

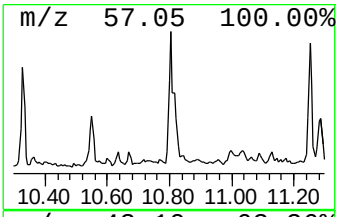
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	92
2	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	90
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	76
4	5-Ethyldecane	170	C12H26	017302-36-2	64
5	Tridecane	184	C13H28	000629-50-5	64

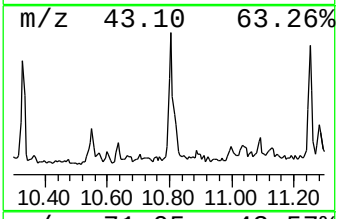


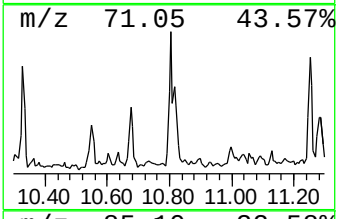


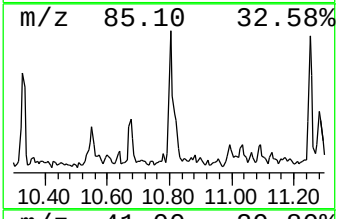


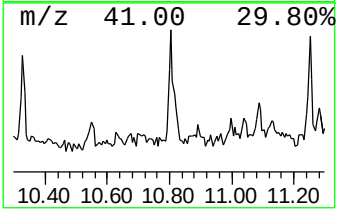












Library Search Compound Report

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

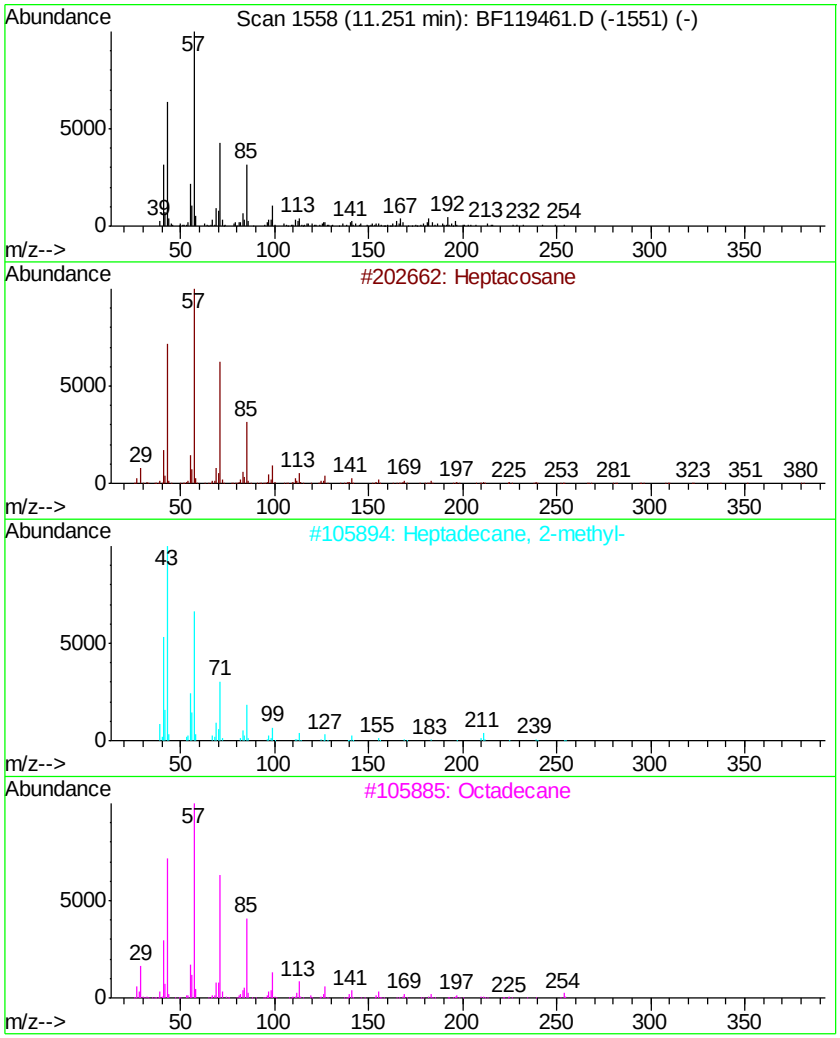
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

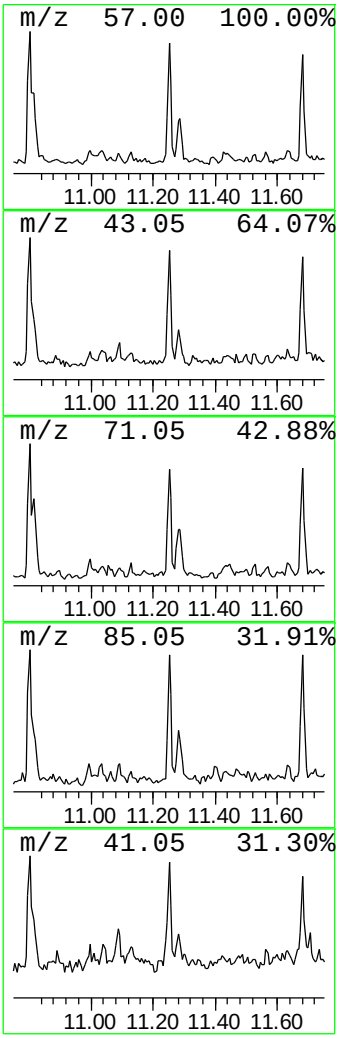
****

Peak Number 3 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	2.54 ng	252968	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	72
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	72
3	Octadecane	254	C18H38	000593-45-3	70
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	64
5	Hexadecane	226	C16H34	000544-76-3	64





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

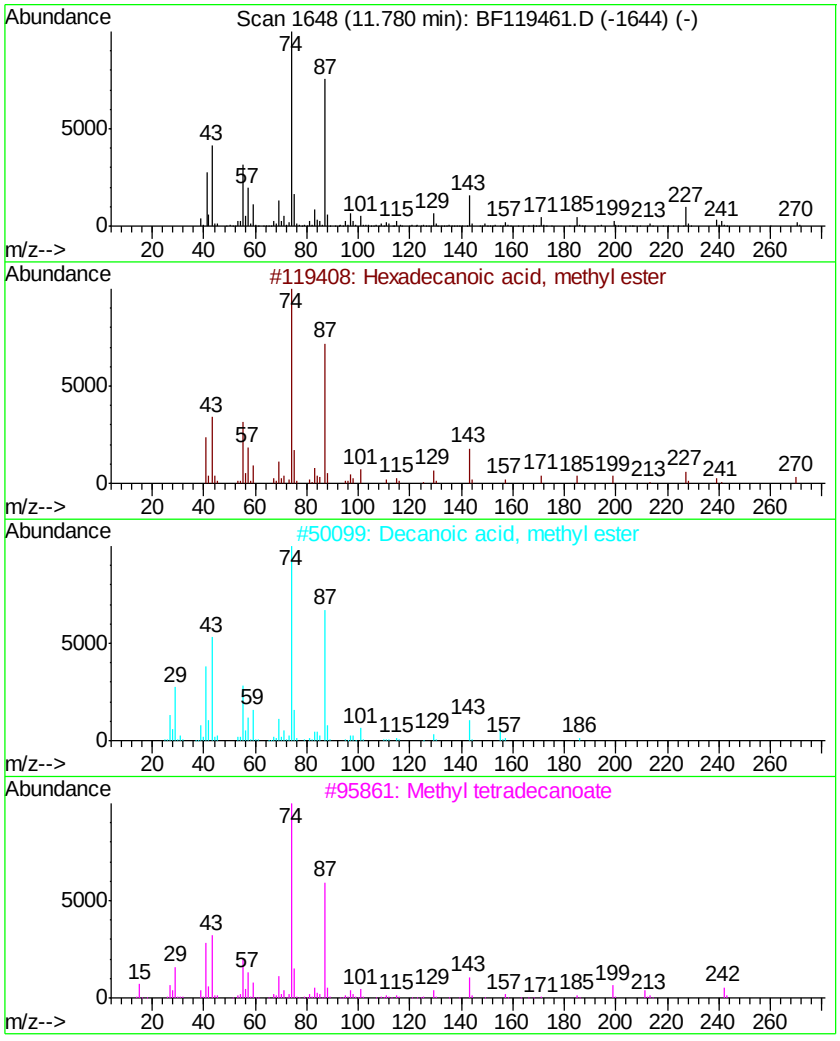
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

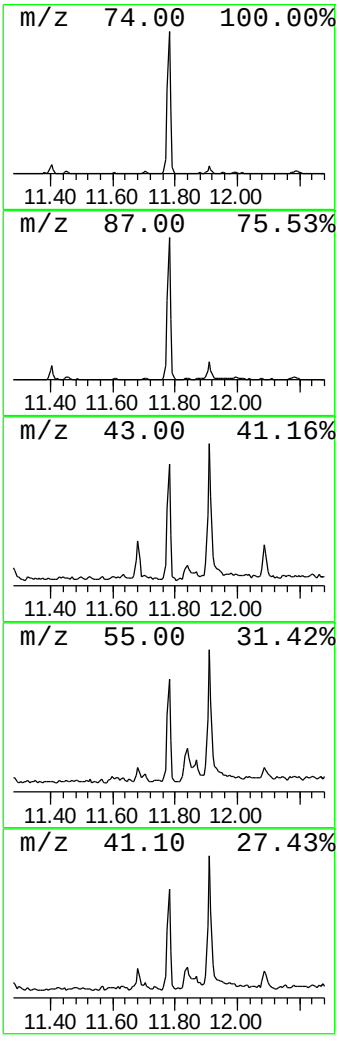
****

Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	8.17 ng	814272	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119461.D
Acq On : 20 Mar 2020 2:15
Operator : CG/JU
Sample : L1964-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2000448388

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

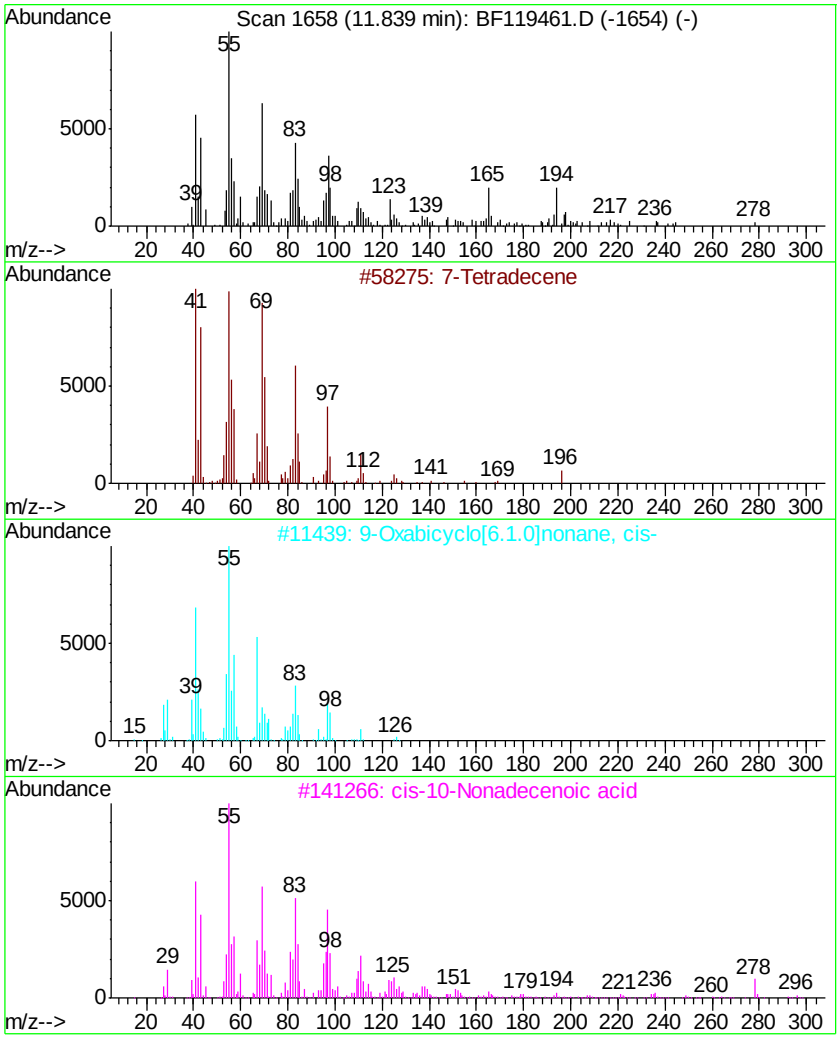
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

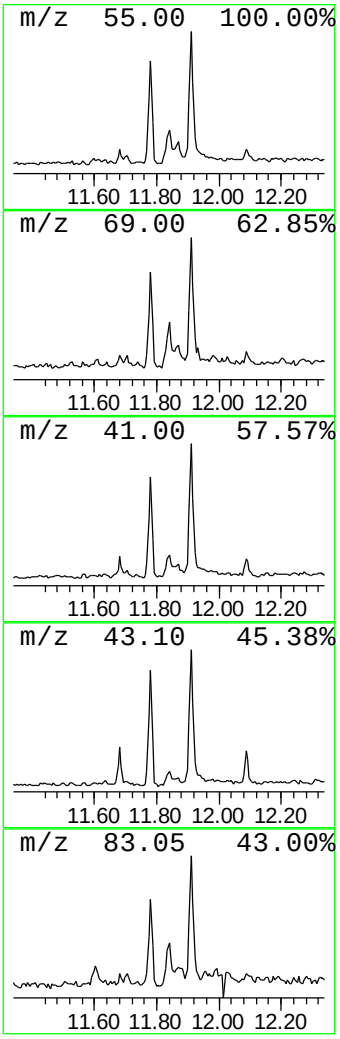
****

Peak Number 5 7-Tetradecene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	2.64 ng	263565	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Tetradecene	196	C14H28	010374-74-0	64
2	9-Oxabicyclo[6.1.0]nonane, cis-	126	C8H14O	004925-71-7	64
3	cis-10-Nonadecenoic acid	296	C19H36O2	073033-09-7	52
4	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	46
5	1-Tetradecene	196	C14H28	001120-36-1	46





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Acq On : 20 Mar 2020 2:15
Operator : CG/JU
Sample : L1964-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : 2000448388

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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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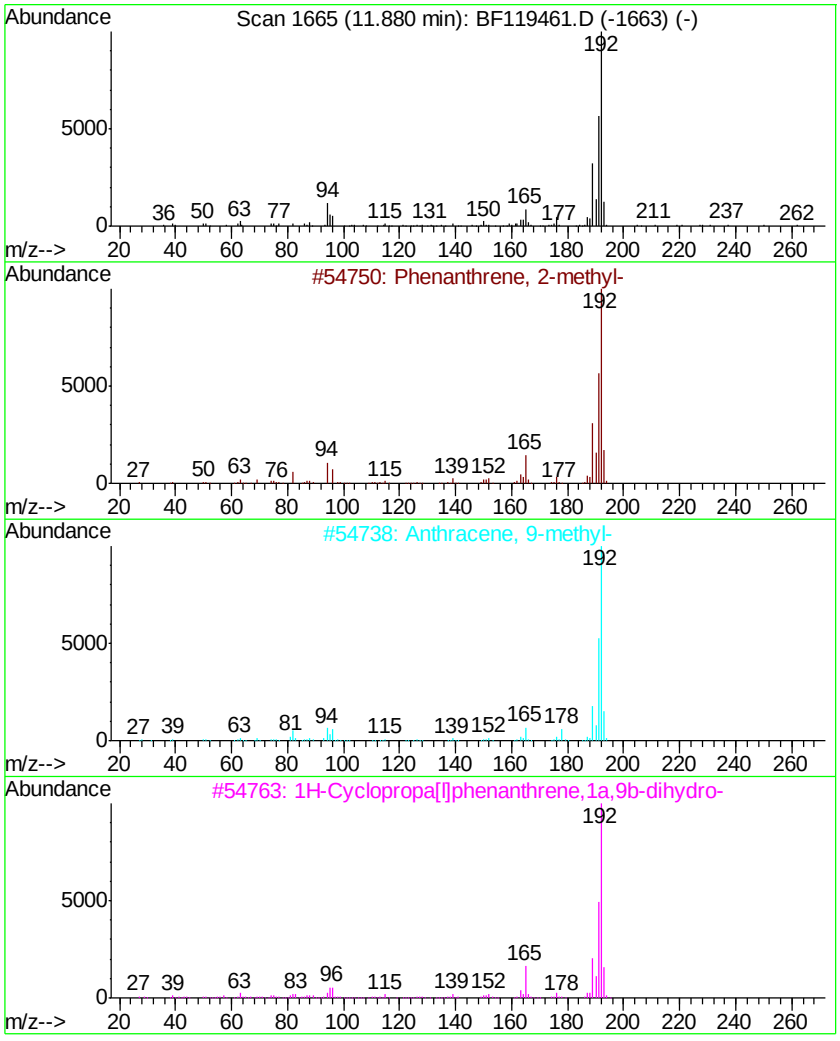
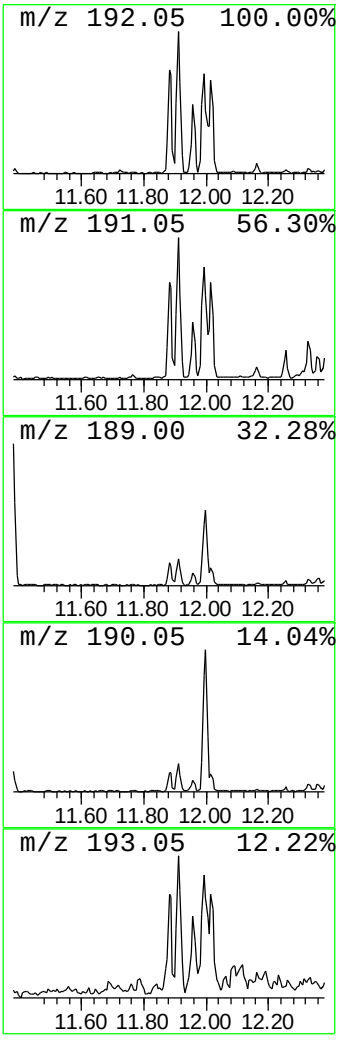
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.45 ng	243882	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	76
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	74
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	74





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ClientSampleId : 2000448388

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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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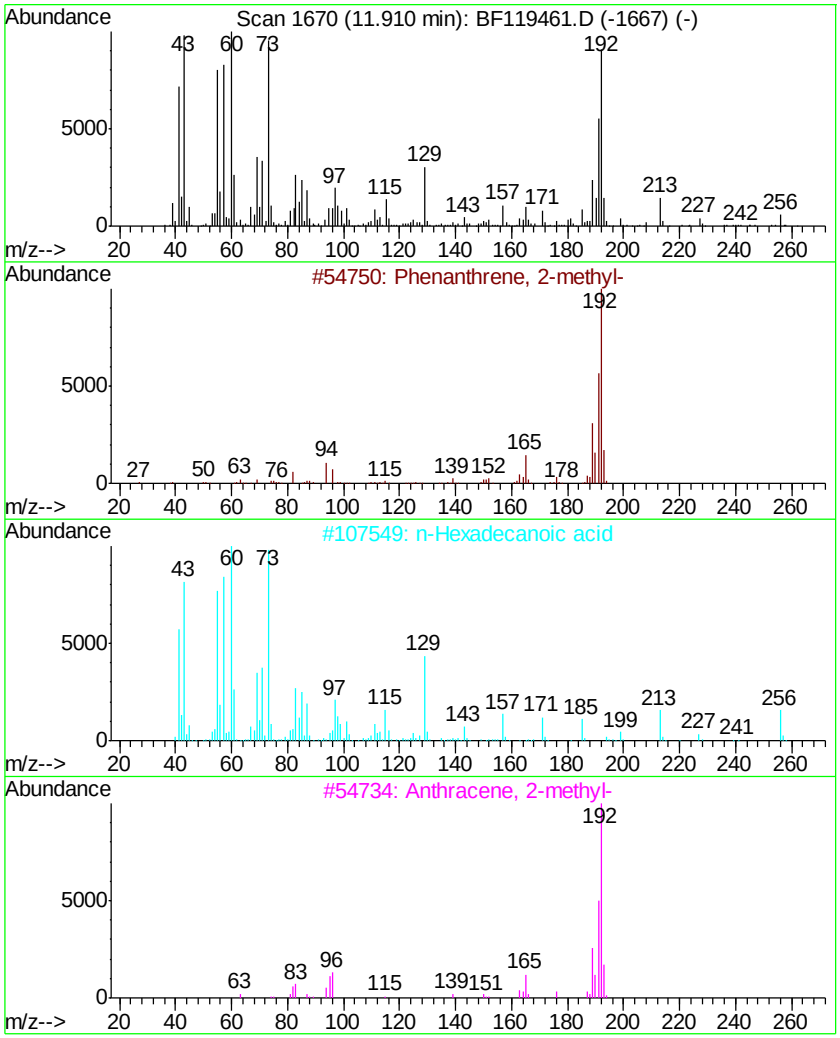
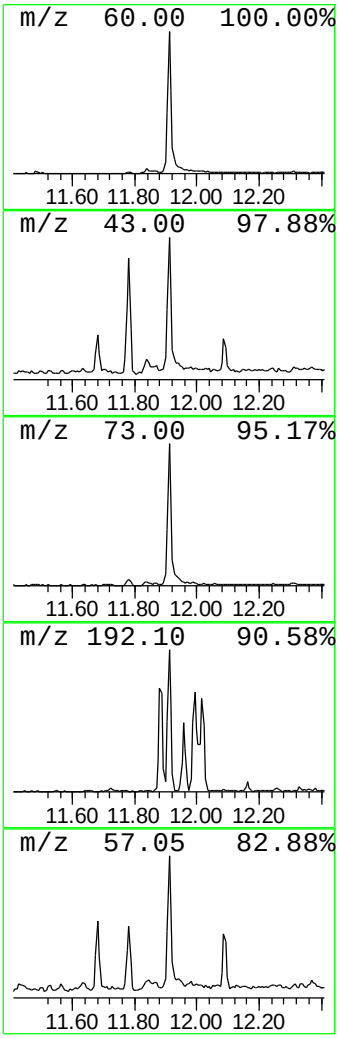
Peak Number 7 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	12.40 ng	1236390	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	72
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	70





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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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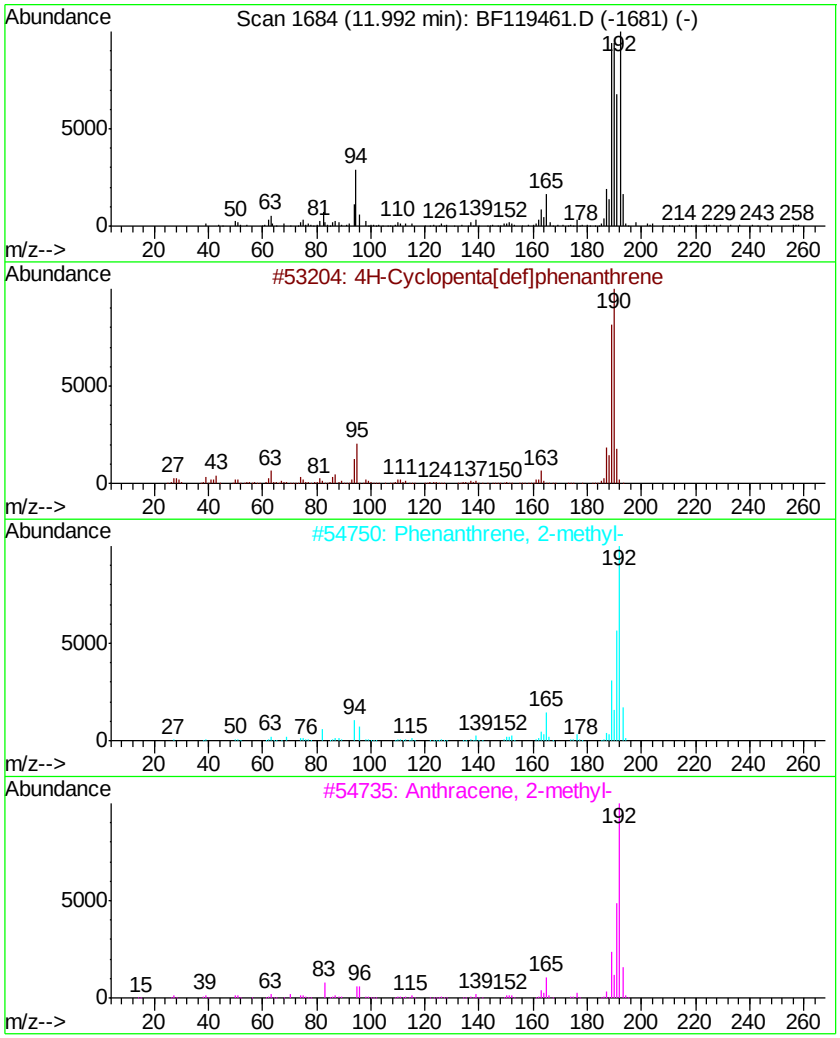
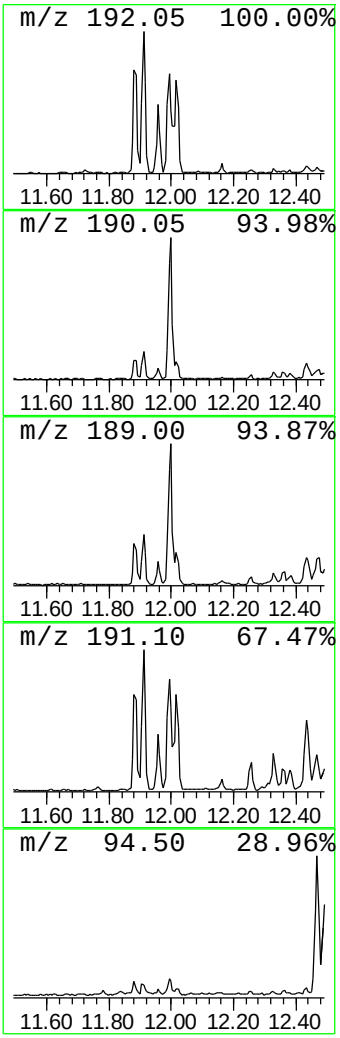
Peak Number 8 unknown11.99 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	5.08 ng	505932	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





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Instrument : BNA_F
ClientSampleId : 2000448388

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

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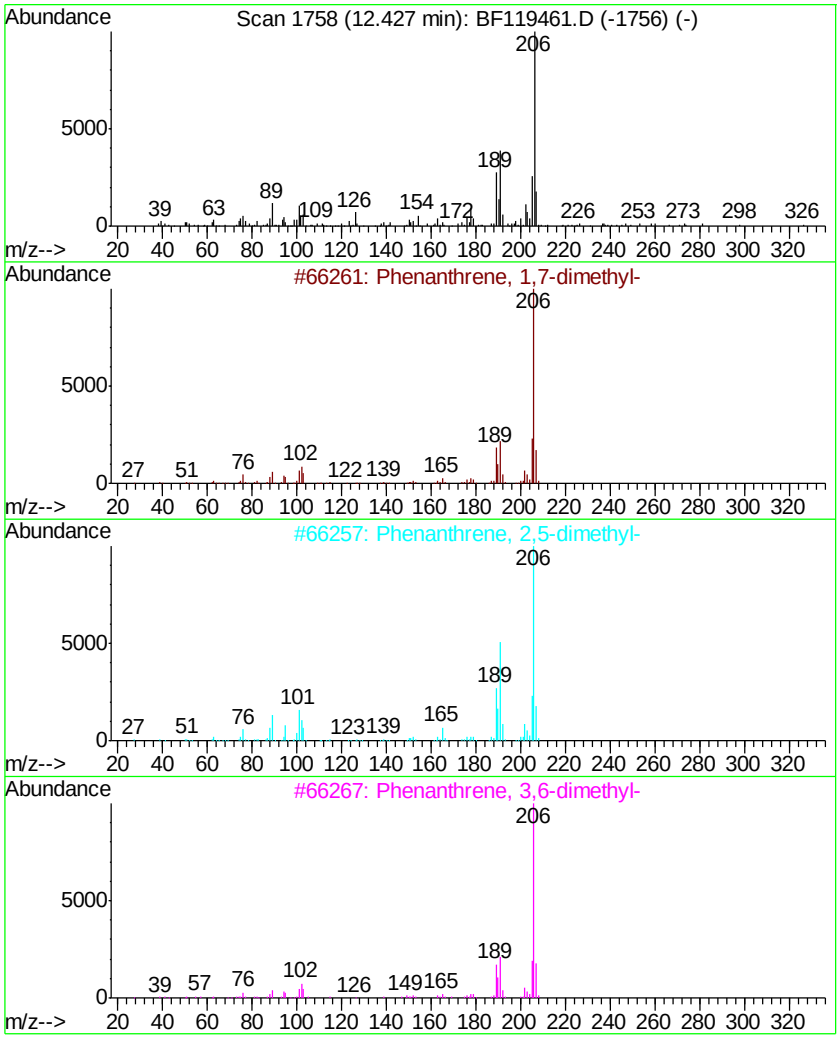
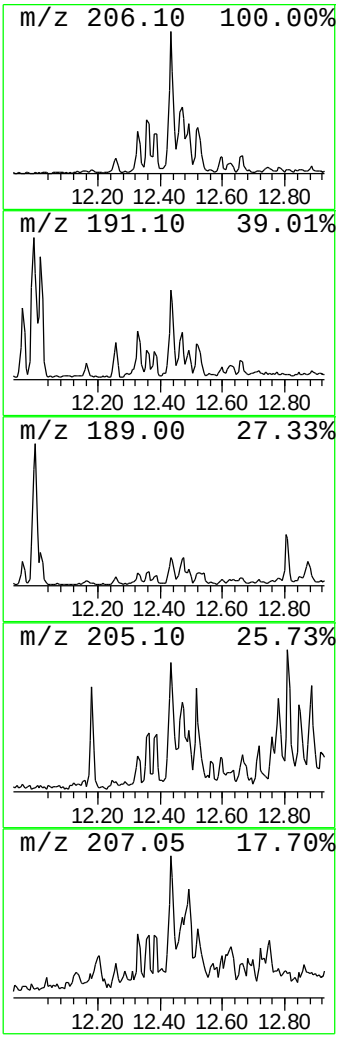
Peak Number 9 Phenanthrene, 1,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	2.48 ng	247401	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81





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Instrument : BNA_F
ClientSampleId : 2000448388

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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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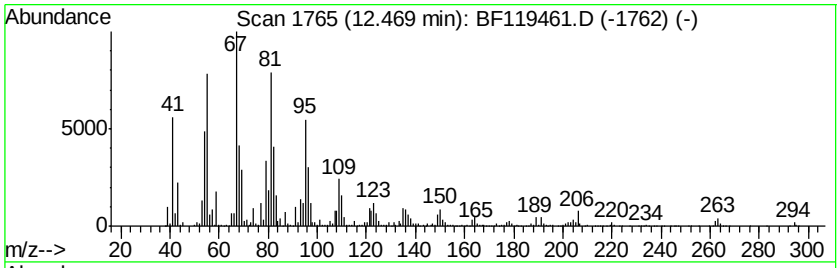
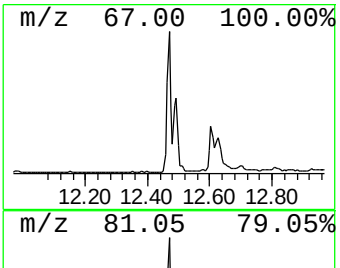
Peak Number 10 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	28.14 ng	2804910	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	97





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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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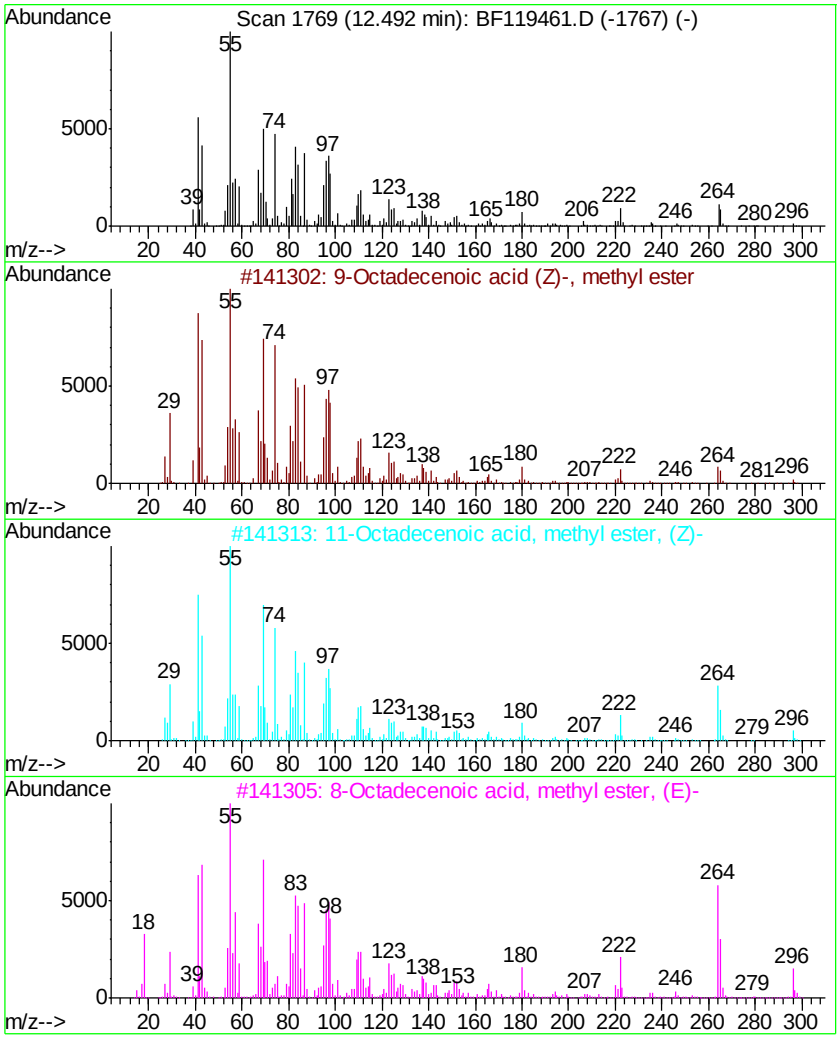
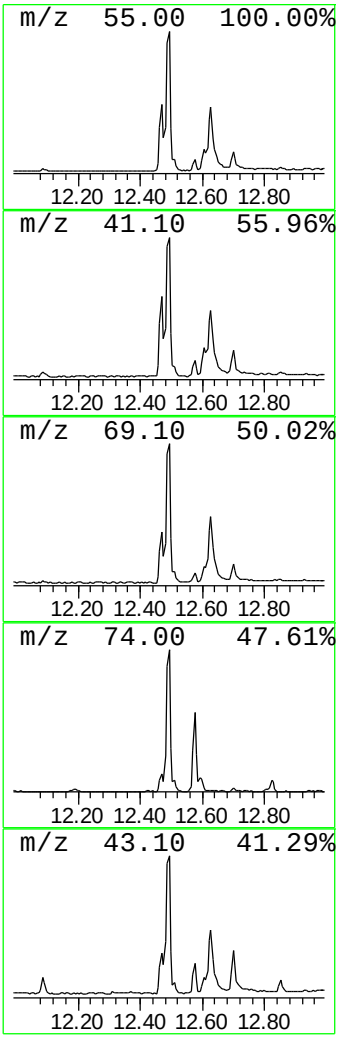
Peak Number 11 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	37.26 ng	3713870	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
3	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	99
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	99





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Misc :
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Instrument : BNA_F
ClientSampleId : 2000448388

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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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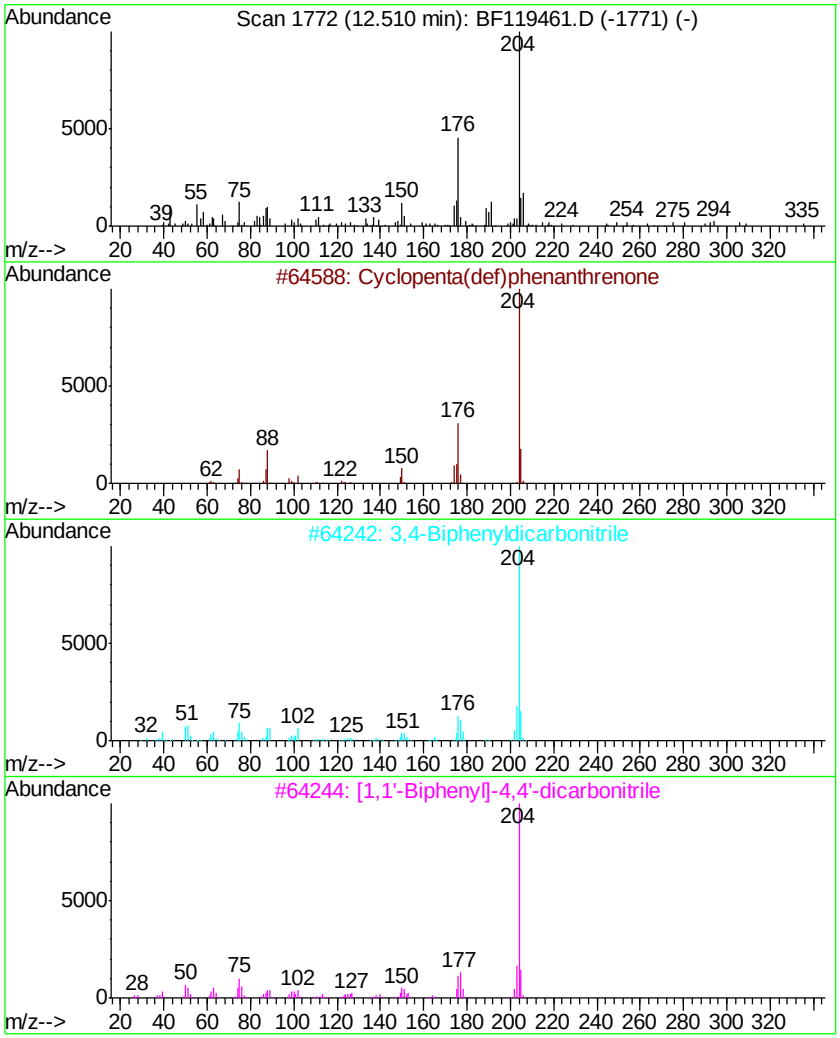
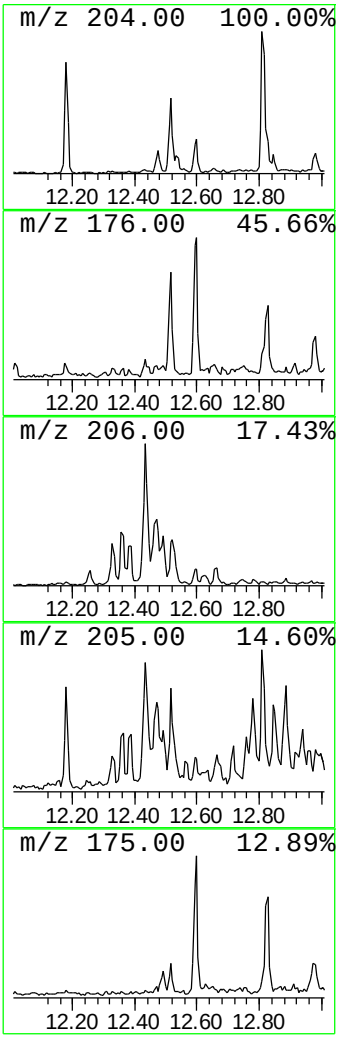
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	3.62 ng	360738	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	68
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46
4	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	43
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43





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

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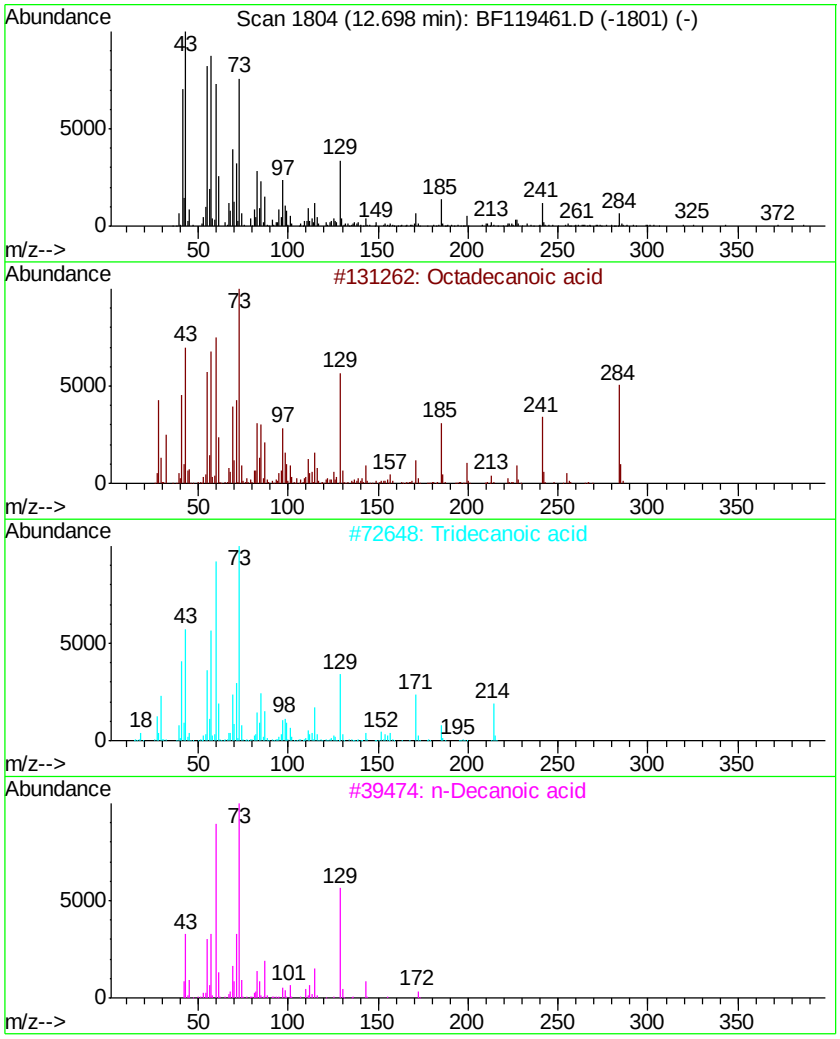
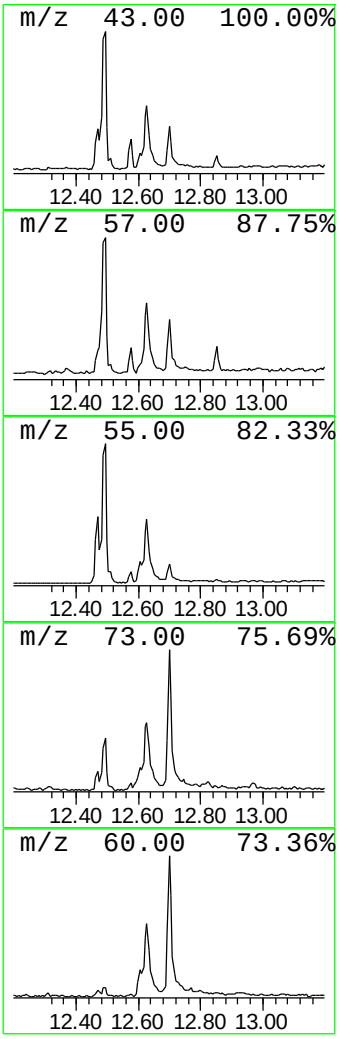
Peak Number 13 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	5.76 ng	573734	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	60
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	45





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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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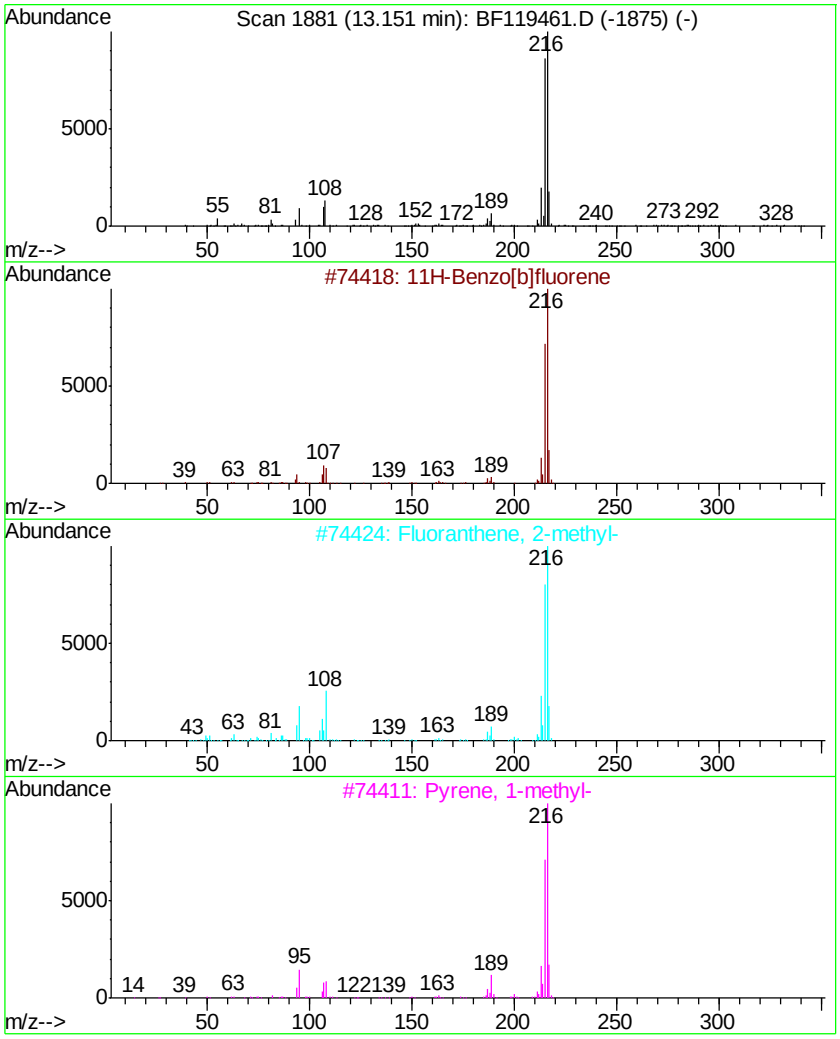
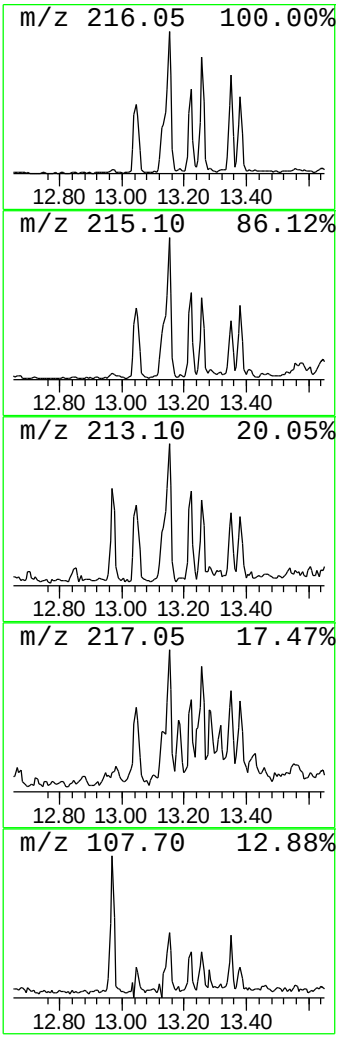
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.76 ng	475188	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





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TIC Integration Parameters: LSCINT.P

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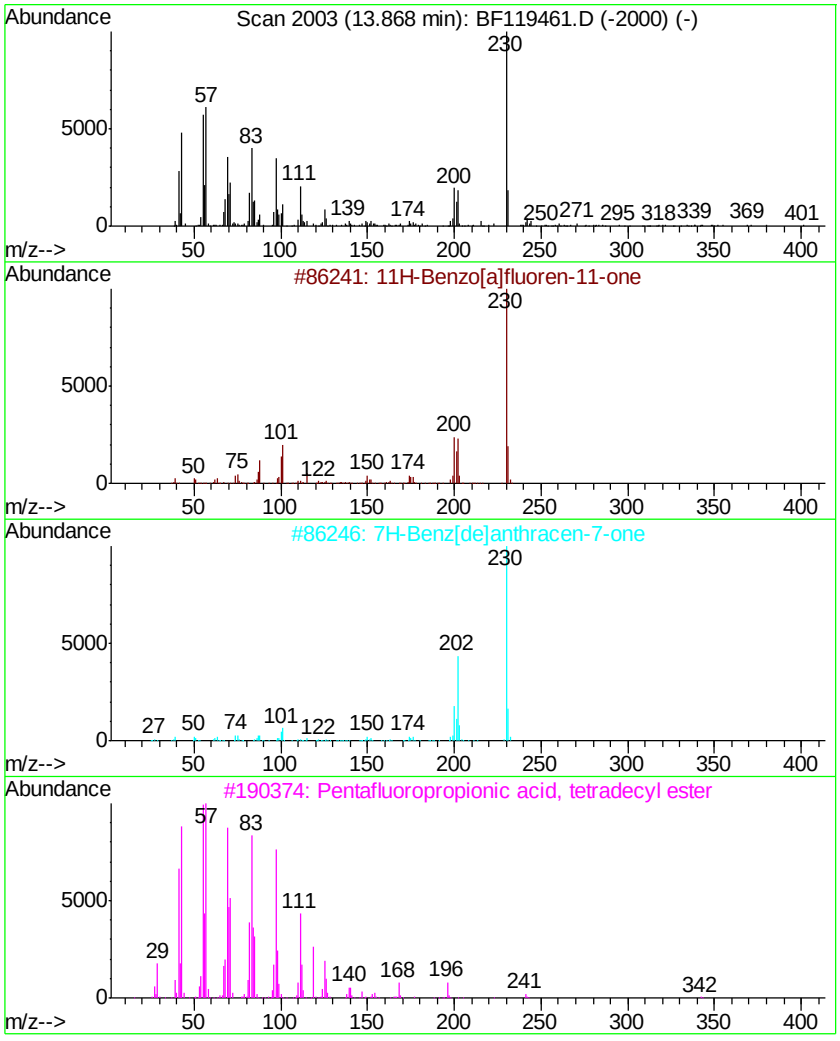
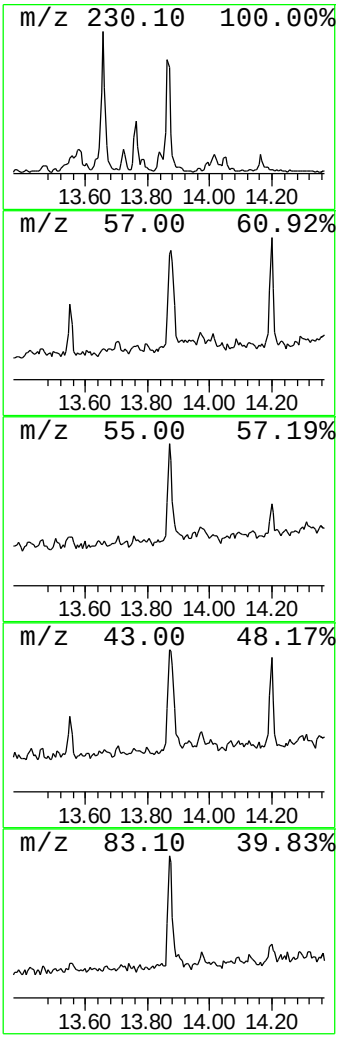
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.69 ng	634988	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	78
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	55
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	42
4	1-Hexadecanol	242	C16H34O	036653-82-4	42
5	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	42





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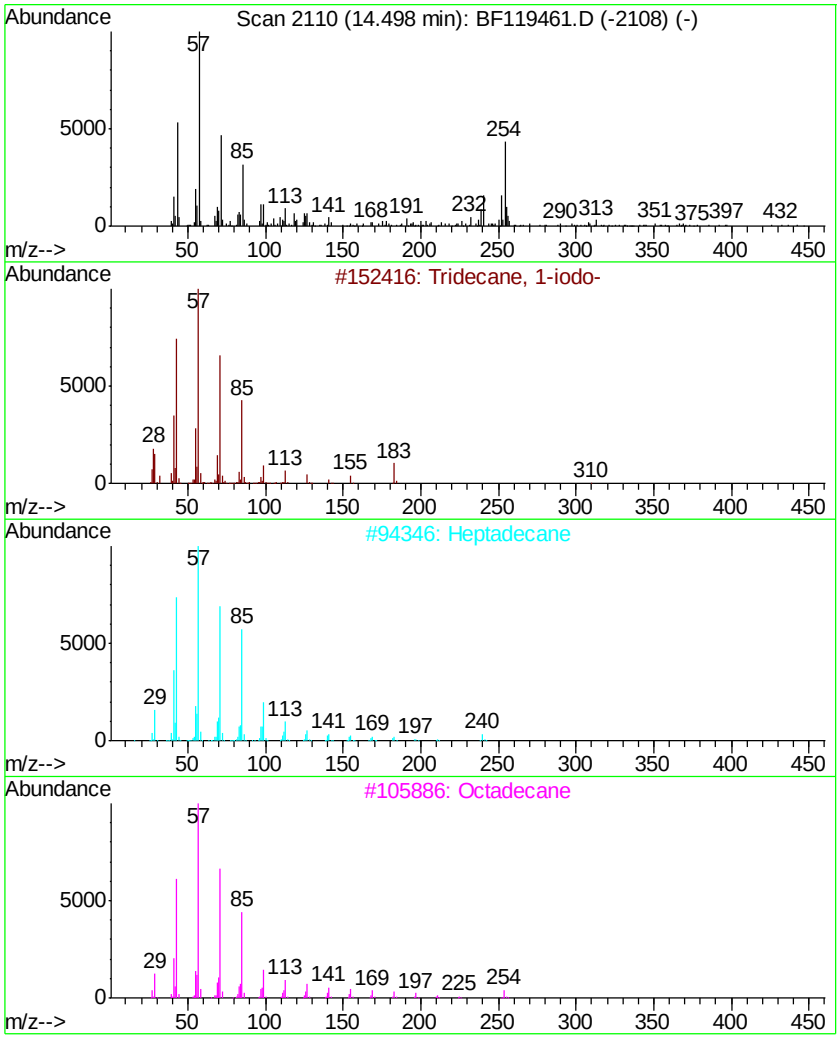
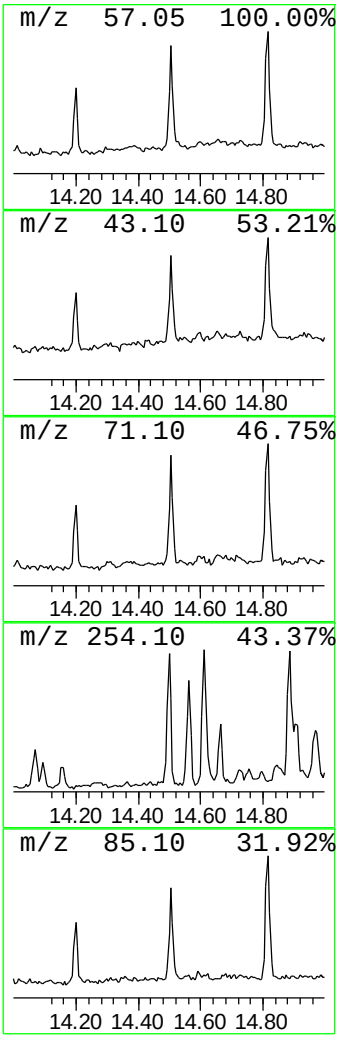
Peak Number 16 Tridecane, 1-iodo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.09 ng	359354	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	95
2	Heptadecane	240	C17H36	000629-78-7	86
3	Octadecane	254	C18H38	000593-45-3	64
4	Heptacosane	380	C27H56	000593-49-7	53
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	49





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Misc :
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Instrument : BNA_F
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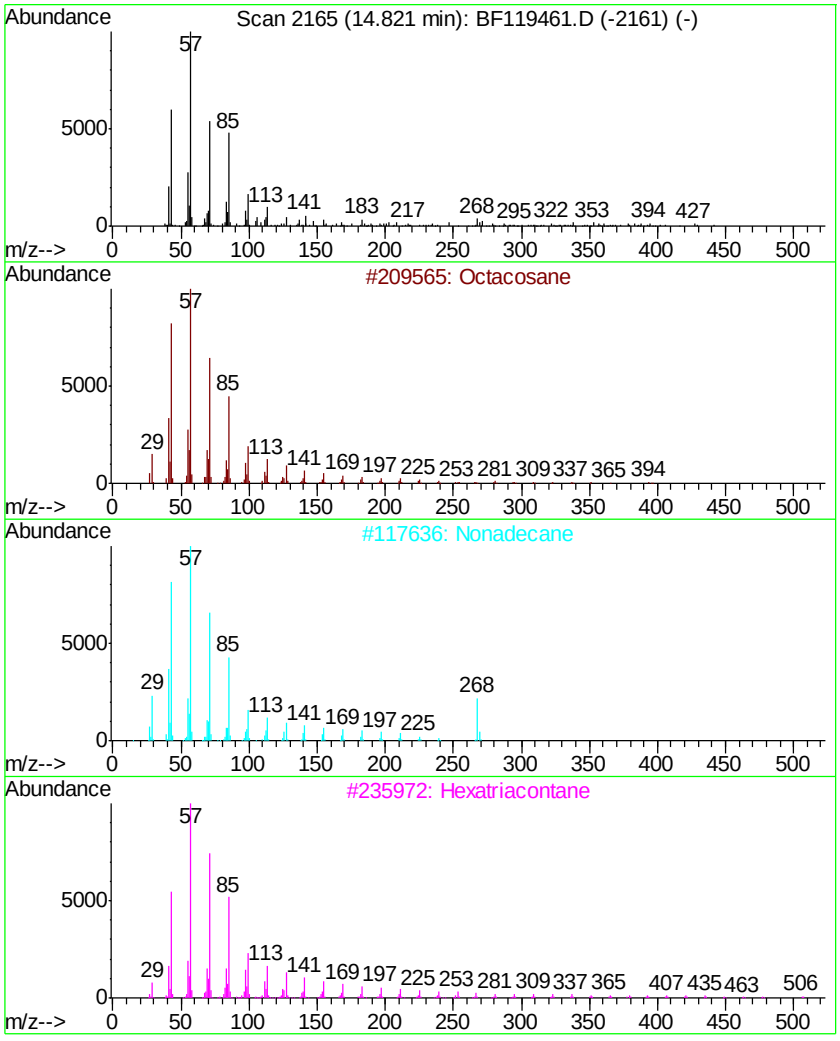
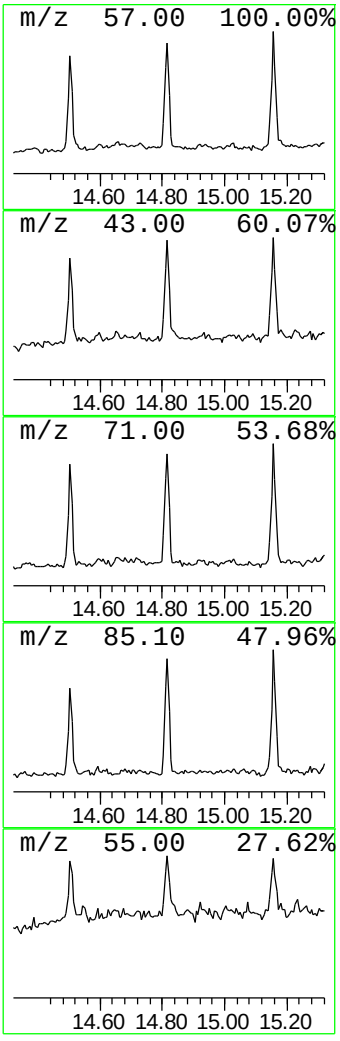
Peak Number 17 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	3.12 ng	267368	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Nonadecane	268	C19H40	000629-92-5	80
3	Hexatriacontane	507	C36H74	000630-06-8	72
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	70
5	Heptacosane	380	C27H56	000593-49-7	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119461.D
Acq On : 20 Mar 2020 2:15
Operator : CG/JU
Sample : L1964-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2000448388

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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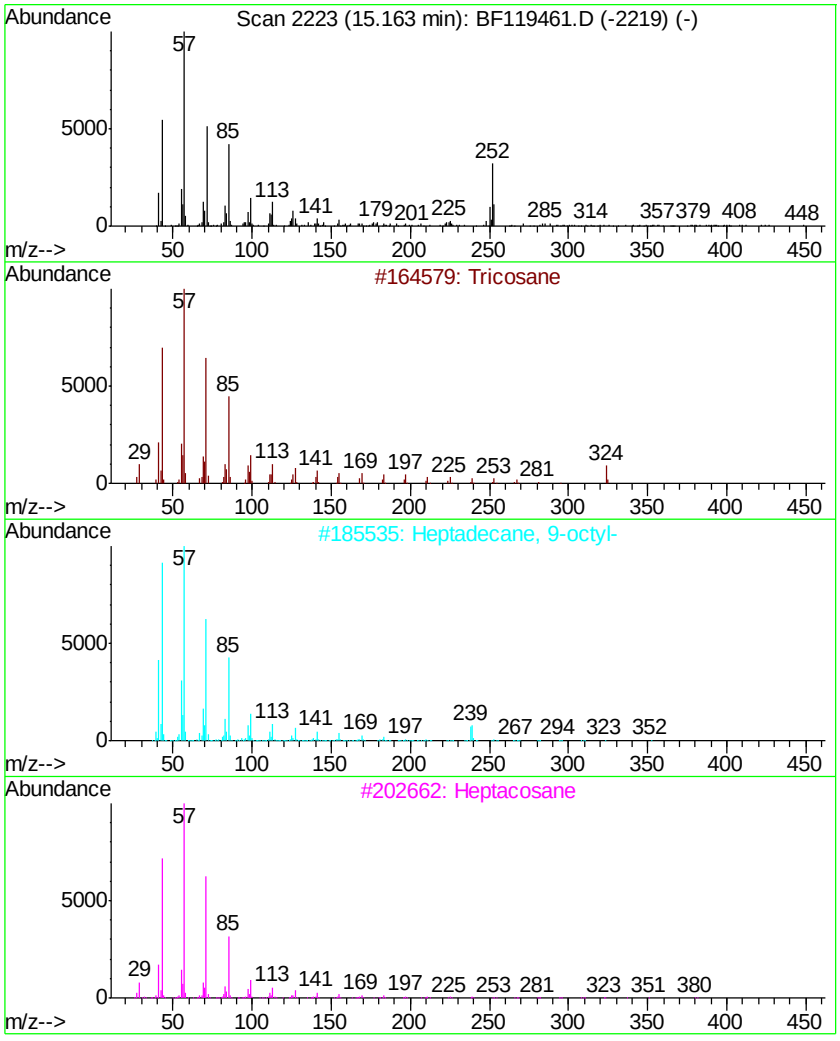
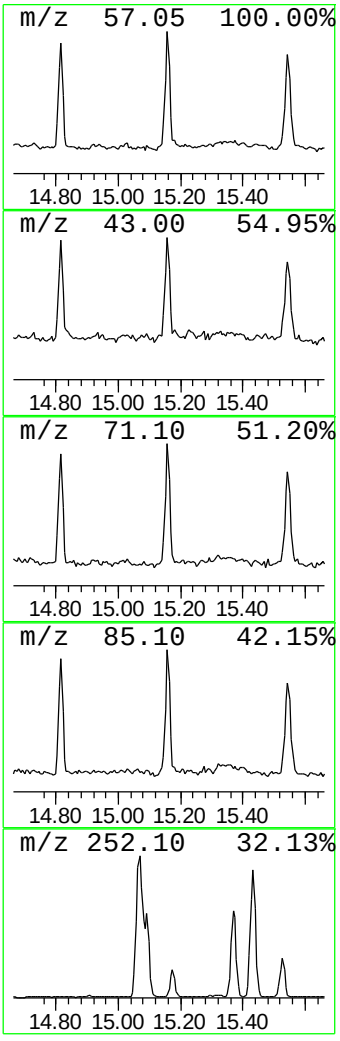
Peak Number 18 Tricosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	8.12 ng	695900	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	89
3	Heptacosane	380	C27H56	000593-49-7	87
4	Hexacosane	366	C26H54	000630-01-3	86
5	Octacosane	394	C28H58	000630-02-4	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119461.D
Acq On : 20 Mar 2020 2:15
Operator : CG/JU
Sample : L1964-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2000448388

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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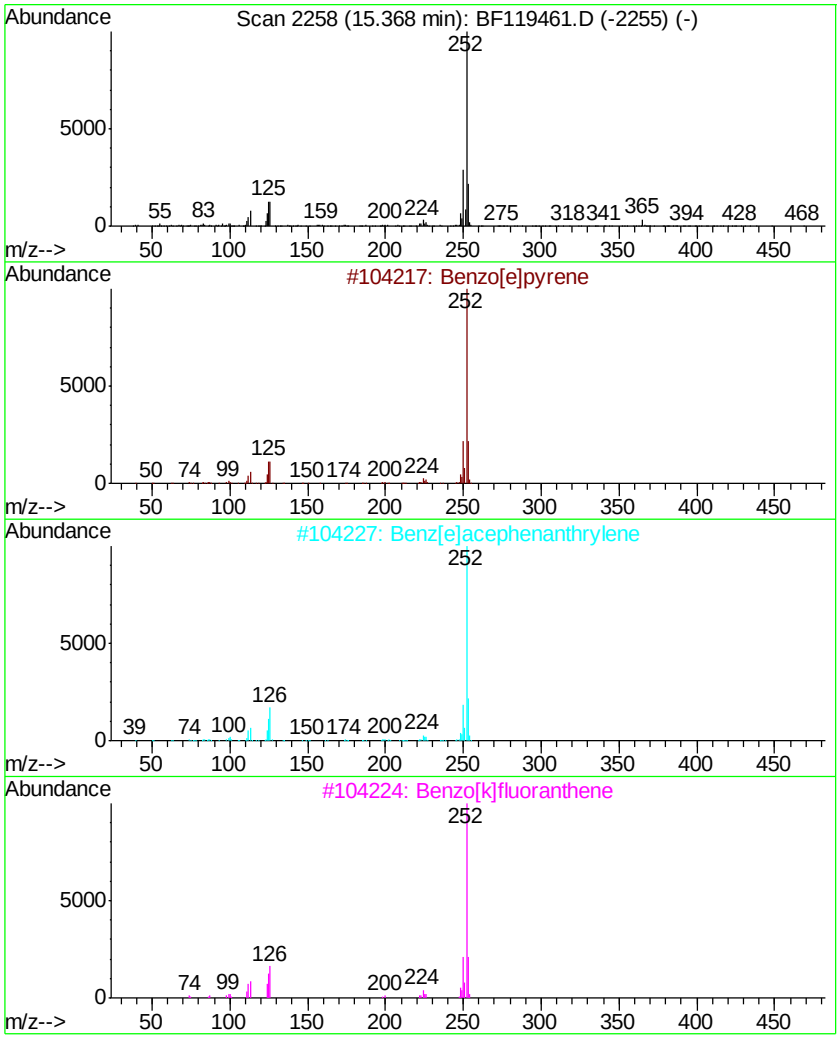
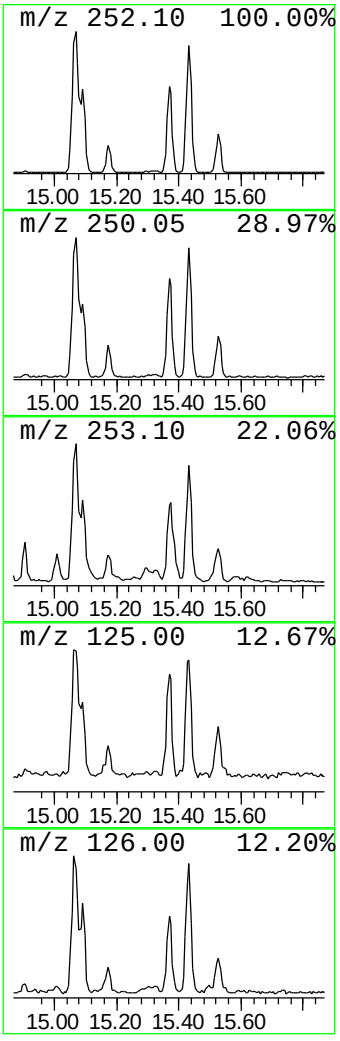
Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	9.98 ng	855015	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031920\
Data File : BF119461.D
Acq On : 20 Mar 2020 2:15
Operator : CG/JU
Sample : L1964-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 2000448388

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
Tetradecane	10.80	2.8	ng	277015	4	11.38	1993640	20.0
Heptacosane	11.25	2.5	ng	252968	4	11.38	1993640	20.0
Hexadecanoic acid...	11.78	8.2	ng	814272	4	11.38	1993640	20.0
7-Tetradecene	11.84	2.6	ng	263565	4	11.38	1993640	20.0
Phenanthrene, 2-m...	11.88	2.5	ng	243882	4	11.38	1993640	20.0
n-Hexadecanoic acid	11.91	12.4	ng	1236390	4	11.38	1993640	20.0
unknown11.99	11.99	5.1	ng	505932	4	11.38	1993640	20.0
Phenanthrene, 1,7...	12.43	2.5	ng	247401	4	11.38	1993640	20.0
9,12-Octadecadien...	12.47	28.1	ng	2804910	4	11.38	1993640	20.0
9-Octadecenoic ac...	12.49	37.3	ng	3713870	4	11.38	1993640	20.0
Cyclopenta(def)ph...	12.51	3.6	ng	360738	4	11.38	1993640	20.0
Octadecanoic acid	12.70	5.8	ng	573734	4	11.38	1993640	20.0
11H-Benzo[b]fluorene	13.15	2.8	ng	475188	5	14.03	3441050	20.0
11H-Benzo[a]fluor...	13.87	3.7	ng	634988	5	14.03	3441050	20.0
Tridecane, 1-iodo-	14.50	2.1	ng	359354	5	14.03	3441050	20.0
Octacosane	14.82	3.1	ng	267368	6	15.50	1713840	20.0
Tricosane	15.16	8.1	ng	695900	6	15.50	1713840	20.0
Benzo[e]pyrene	15.37	10.0	ng	855015	6	15.50	1713840	20.0