LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061720\
Data File : BF120637.D
Acq On : 17 Jun 2020 17:25
Operator : JU/CG
Sample : L3024-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1

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-BF061020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.404	560	564	575	rVB	1875178	1671331	54.35%	5.650%
2	6.428	734	738	741	rBV	2370310	2015761	65.55%	6.814%
3	6.798	797	801	804	rBV	1002642	792618	25.78%	2.679%
4	6.951	823	827	831	rBV	2251919	1870277	60.82%	6.322%
5	7.357	892	896	899	rBV	1714785	1393687	45.32%	4.711%
6	8.080	1015	1019	1022	rBV	1115562	1025290	33.34%	3.466%
7	9.151	1197	1201	1204	rBV	3438002	2755838	89.62%	9.316%
8	9.545	1265	1268	1272	rBV	253646	214252	6.97%	0.724%
9	9.692	1289	1293	1296	rBV	49065	48935	1.59%	0.165%
10	9.763	1297	1305	1310	rVV2	59824	105183	3.42%	0.356%
11	9.827	1313	1316	1320	rVV	1404149	1188845	38.66%	4.019%
12	9.863	1320	1322	1325	rVB2	53382	44016	1.43%	0.149%
13	10.033	1347	1351	1355	rVB2	44517	44737	1.45%	0.151%
14	10.263	1387	1390	1392	rVB	76806	58335	1.90%	0.197%
15	10.374	1406	1409	1415	rBV2	48995	54906	1.79%	0.186%
16	10.480	1422	1427	1430	rBV3	53411	62565	2.03%	0.211%
17	10.616	1446	1450	1453	rBV	844928	776844	25.26%	2.626%
18	10.733	1467	1470	1478	rVB3	133814	209013	6.80%	0.707%
19	11.116	1532	1535	1539	rVV2	46203	39827	1.30%	0.135%
20	11.180	1543	1546	1549	rVV	137741	136497	4.44%	0.461%
21	11.210	1549	1551	1557	rVB	115970	117914	3.83%	0.399%
22	11.310	1565	1568	1571	rBV	1374530	1330269	43.26%	4.497%
23	11.333	1571	1572	1576	rVV	529755	375028	12.20%	1.268%
24	11.386	1579	1581	1585	rVB	131837	107987	3.51%	0.365%
25	11.539	1602	1607	1609	rBV2	57615	67388	2.19%	0.228%
26	11.610	1616	1619	1622	rBV	125418	99677	3.24%	0.337%
27	11.816	1650	1654	1656	rBV	82790	76068	2.47%	0.257%
28	11.839	1656	1658	1661	rVB	150679	118631	3.86%	0.401%
29	11.886	1661	1666	1668	rBV3	37778	48166	1.57%	0.163%
30	11.921	1669	1672	1675	rBV2	115933	119026	3.87%	0.402%
31	12.015	1685	1688	1691	rVB	125098	96874	3.15%	0.327%
32	12.110	1701	1704	1706	rBV	65977	59776	1.94%	0.202%
33	12.133	1706	1708	1712	rVB2	60778	51502	1.67%	0.174%
34	12.286	1732	1734	1737	rBV2	37758	40874	1.33%	0.138%

LSC Area Percent Report

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Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.363	1744	1747	1750	rBV	86316	85268	2.77%	0.288%
36	12.404	1750	1754	1758	rVV2	108166	121218	3.94%	0.410%
37	12.445	1758	1761	1766	rVB	56100	54696	1.78%	0.185%
38	12.521	1770	1774	1778	rVB	901883	745364	24.24%	2.520%
39	12.751	1807	1813	1815	rBV	787725	747311	24.30%	2.526%
40	12.774	1815	1817	1826	rVB4	233686	326080	10.60%	1.102%
41	12.898	1834	1838	1841	rBV	3552203	3075020	100.00%	10.395%
42	12.968	1846	1850	1854	rBV2	61795	102355	3.33%	0.346%
43	13.062	1862	1866	1867	rBV2	33538	44454	1.45%	0.150%
44	13.080	1867	1869	1872	rVB	100196	78659	2.56%	0.266%
45	13.145	1872	1880	1882	rBV4	78550	147931	4.81%	0.500%
46	13.180	1882	1886	1889	rBV	90519	97036	3.16%	0.328%
47	13.274	1900	1902	1905	rVB	56286	47019	1.53%	0.159%
48	13.304	1905	1907	1911	rBV	54822	50336	1.64%	0.170%
49	13.368	1916	1918	1925	rVB	96636	112406	3.66%	0.380%
50	13.586	1952	1955	1960	rVB	100040	102808	3.34%	0.348%
51	13.698	1969	1974	1977	rBV3	93977	154366	5.02%	0.522%
52	13.745	1980	1982	1987	rVV2	58873	97620	3.17%	0.330%
53	13.798	1987	1991	2001	rVB3	274505	476395	15.49%	1.610%
54	13.945	2011	2016	2019	rBV2	1453857	1761102	57.27%	5.953%
55	13.974	2019	2021	2023	rVB	392274	284709	9.26%	0.962%
56	14.051	2032	2034	2036	rVB	48724	36115	1.17%	0.122%
57	14.333	2080	2082	2085	rVB2	92043	76395	2.48%	0.258%
58	14.368	2085	2088	2091	rBV2	58635	52621	1.71%	0.178%
59	14.427	2095	2098	2101	rBV3	60691	110968	3.61%	0.375%
60	14.580	2121	2124	2126	rBV2	106028	101760	3.31%	0.344%
61	14.968	2186	2190	2193	rBV	405065	561813	18.27%	1.899%
62	15.045	2201	2203	2206	rBV	56889	60351	1.96%	0.204%
63	15.074	2206	2208	2214	rVB	70862	72038	2.34%	0.244%
64	15.262	2236	2240	2246	rVB	260211	324863	10.56%	1.098%
65	15.321	2246	2250	2256	rBV	308976	384498	12.50%	1.300%
66	15.386	2256	2261	2264	rBV	1134001	1331639	43.31%	4.501%
67	16.792	2495	2500	2509	rVB2	159628	287794	9.36%	0.973%
68	17.221	2568	2573	2584	rVB	132652	251843	8.19%	0.851%

Sum of corrected areas: 29582788

LSC Report - Integrated Chromatogram

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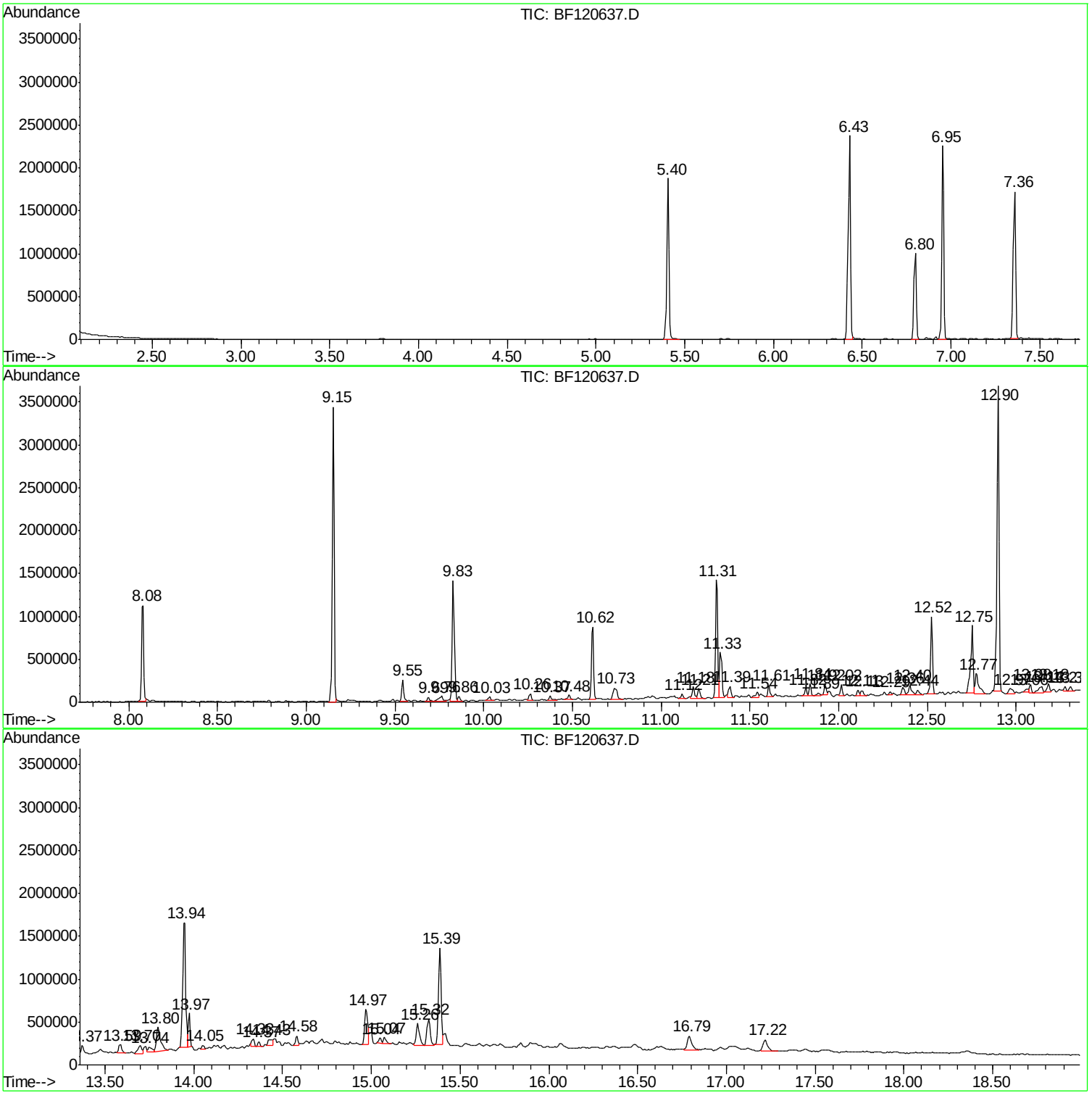
Sample : L3024-13
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.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

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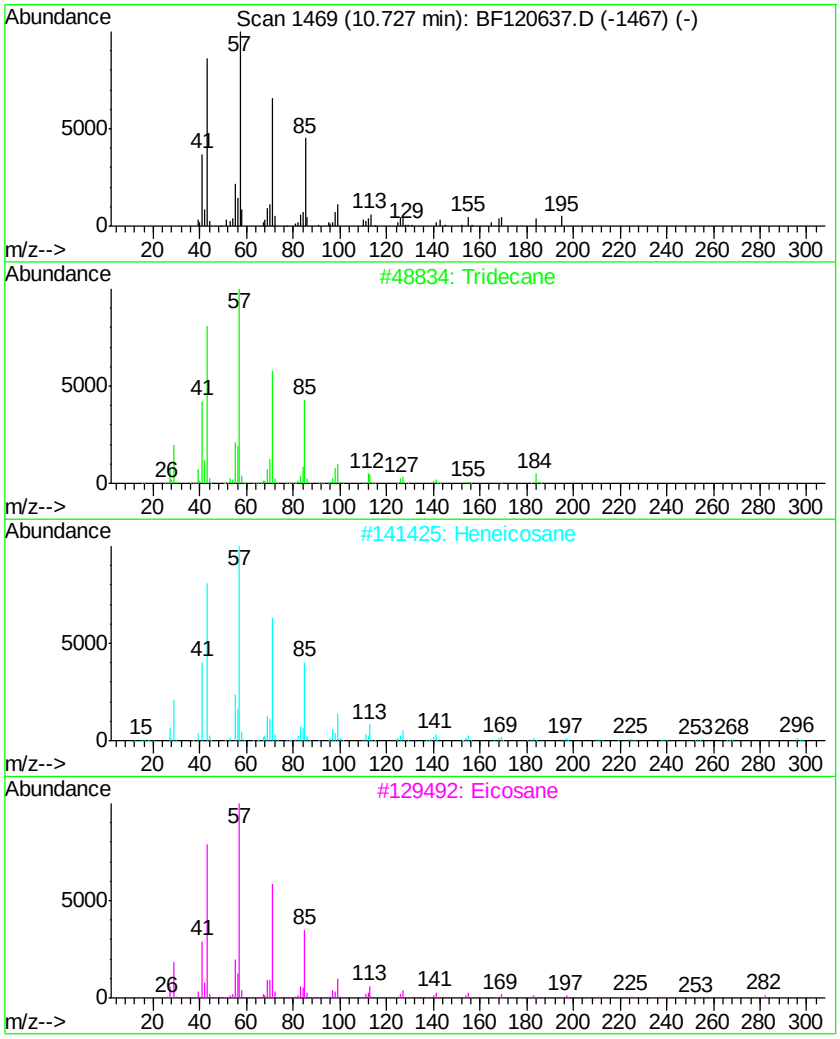
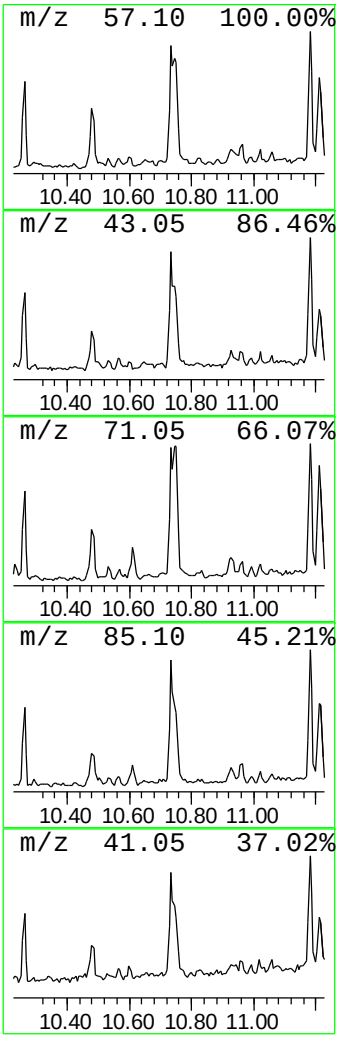
Peak Number 2 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	3.14 ng	209013	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	80
2	Heneicosane	296	C21H44	000629-94-7	74
3	Eicosane	282	C20H42	000112-95-8	74
4	Heptadecane	240	C17H36	000629-78-7	74
5	Octadecane	254	C18H38	000593-45-3	74





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : RO-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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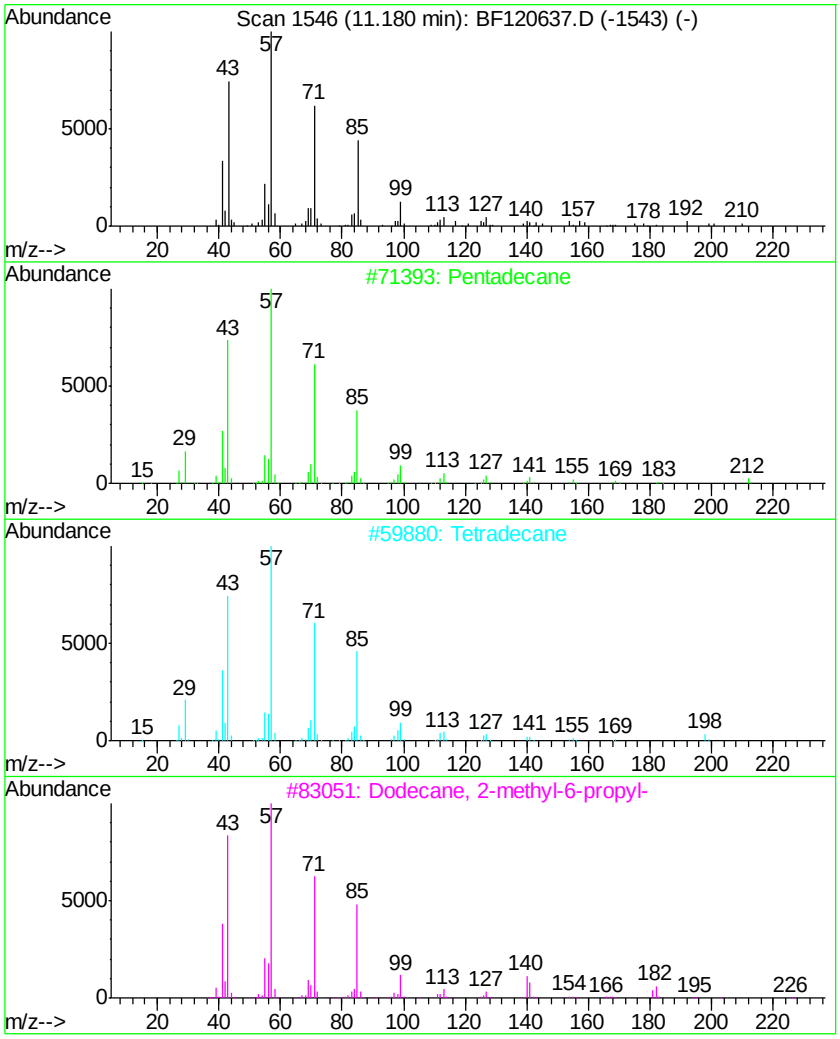
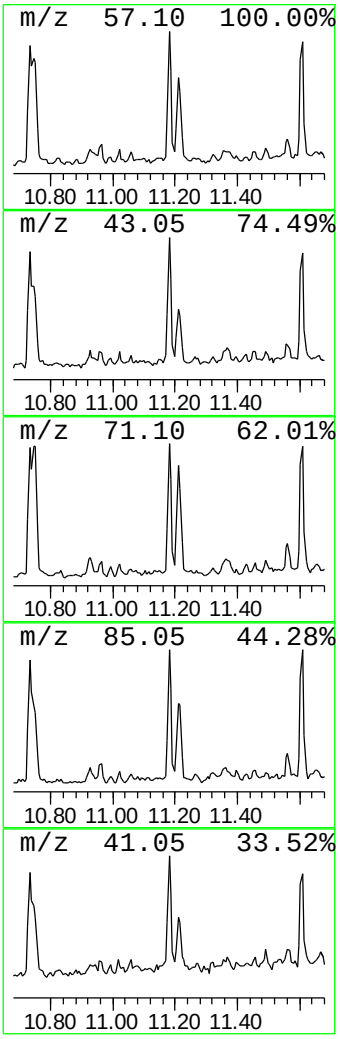
Peak Number 3 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	2.05 ng	136497	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Tetradecane	198	C14H30	000629-59-4	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	72
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64





Library Search Compound Report

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TIC Library : C:\DATABASE\NIST11.L
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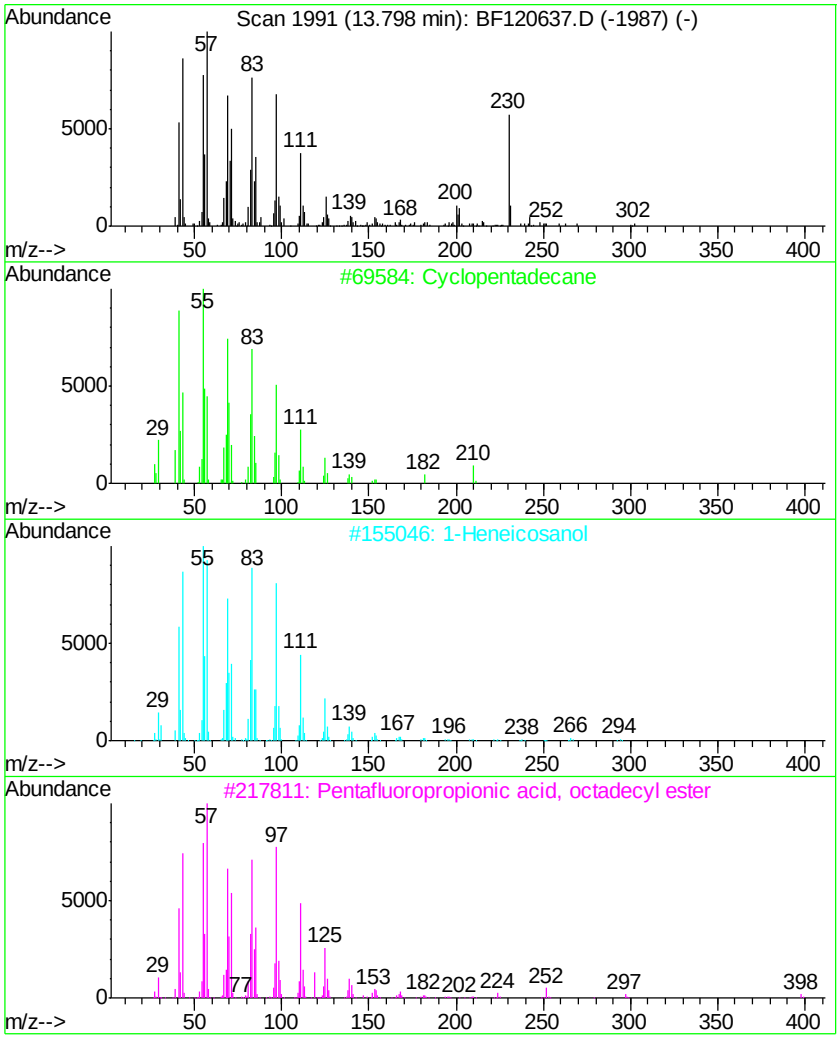
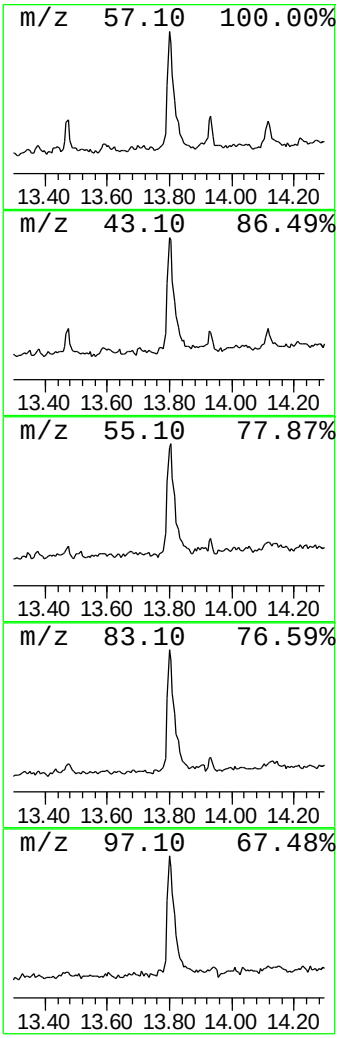
Peak Number 4 Cyclopentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	5.41 ng	476395	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	91
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	89
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	89
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	89





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : RO-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061020.M
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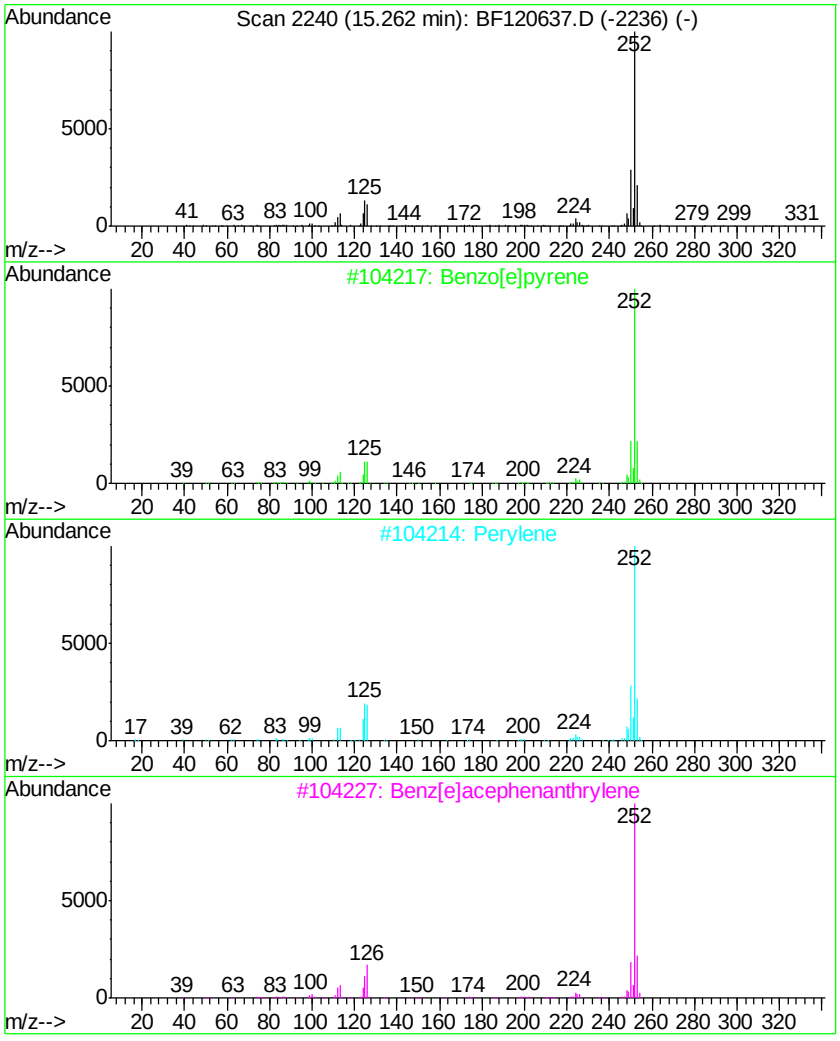
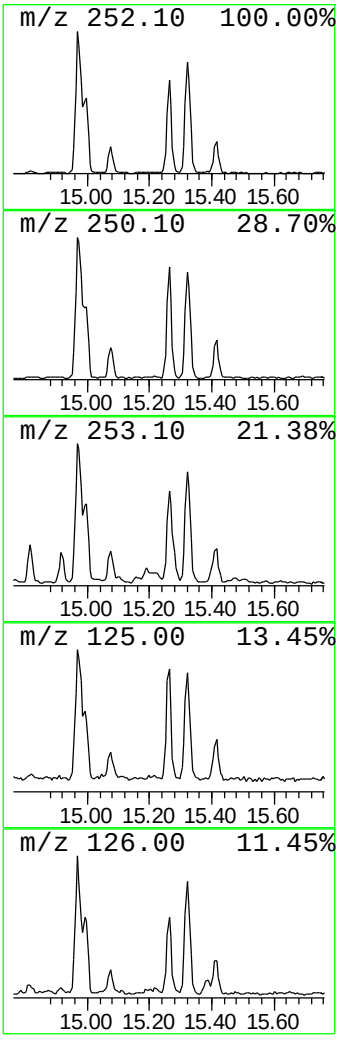
Peak Number 5 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	4.88 ng	324863	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
5	Benzo[a]pyrene	252	C20H12	000050-32-8	96





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tridecane	10.73	3.1	ng	209013	4	11.31	1330270	20.0
Pentadecane	11.18	2.0	ng	136497	4	11.31	1330270	20.0
Cyclopentadecane	13.80	5.4	ng	476395	5	13.95	1761100	20.0
Benzo[e]pyrene	15.26	4.9	ng	324863	6	15.39	1331640	20.0