LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110172.D
Acq On : 25 Oct 2018 20:39
Operator : JU/SJ
Sample : J5625-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-02

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-BF102318.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	2.328	34	41	48	rVB	508755	691108	16.96%	1.443%
2	3.599	254	257	271	rBV	42899	97867	2.40%	0.204%
3	5.210	527	531	546	rVB	317086	435411	10.68%	0.909%
4	5.593	589	596	599	rBV	3279114	3623243	88.91%	7.567%
5	5.816	631	634	639	rBV2	59462	76609	1.88%	0.160%
6	6.593	759	766	770	rBV2	3349779	4075394	100.00%	8.511%
7	6.740	785	791	794	rBV	3716029	3734994	91.65%	7.800%
8	6.793	796	800	804	rBV2	102655	119524	2.93%	0.250%
9	6.963	826	829	833	rBV	1244223	1009624	24.77%	2.108%
10	7.122	852	856	859	rBV	3384071	2921296	71.68%	6.101%
11	7.228	867	874	877	rBV3	43034	54902	1.35%	0.115%
12	7.528	920	925	928	rBV	2370903	2422197	59.43%	5.058%
13	8.245	1044	1047	1050	rVV	1425338	1328824	32.61%	2.775%
14	8.269	1050	1051	1053	rVB	179502	90708	2.23%	0.189%
15	8.522	1090	1094	1097	rBV	65503	74024	1.82%	0.155%
16	8.822	1139	1145	1151	rBV	68416	75462	1.85%	0.158%
17	8.963	1165	1169	1172	rBV2	166307	159181	3.91%	0.332%
18	9.057	1182	1185	1189	rBV	118455	113021	2.77%	0.236%
19	9.257	1212	1219	1221	rBV2	43449	68604	1.68%	0.143%
20	9.322	1224	1230	1233	rBV	4096729	3903511	95.78%	8.152%
21	9.392	1239	1242	1244	rBV	90175	74016	1.82%	0.155%
22	9.422	1244	1247	1250	rVV	59059	50726	1.24%	0.106%
23	9.592	1270	1276	1279	rVB2	66032	89983	2.21%	0.188%
24	9.663	1285	1288	1290	rBV	102631	102618	2.52%	0.214%
25	9.686	1290	1292	1294	rVV	68013	63523	1.56%	0.133%
26	9.710	1294	1296	1304	rVB	698988	648308	15.91%	1.354%
27	9.869	1319	1323	1326	rBV	142244	128511	3.15%	0.268%
28	9.922	1328	1332	1335	rVB	96636	85694	2.10%	0.179%
29	10.010	1343	1347	1350	rVV	1595180	1389562	34.10%	2.902%
30	10.039	1350	1352	1355	rVB	90862	69378	1.70%	0.145%
31	10.157	1368	1372	1375	rBV4	38646	65994	1.62%	0.138%
32	10.210	1377	1381	1384	rVB2	94748	99682	2.45%	0.208%
33	10.322	1396	1400	1402	rBV2	51696	62488	1.53%	0.130%
34	10.351	1402	1405	1411	rVB4	49562	61588	1.51%	0.129%

LSC Area Percent Report

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Sample : J5625-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-02

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.422	1411	1417	1420	rBV2	118693	175429	4.30%	0.366%
36	10.551	1436	1439	1446	rVB4	65772	102076	2.50%	0.213%
37	10.710	1462	1466	1470	rBV2	48817	56814	1.39%	0.119%
38	10.798	1477	1481	1485	rBV	2345999	2211357	54.26%	4.618%
39	10.910	1494	1500	1507	rVB5	150171	281579	6.91%	0.588%
40	11.098	1528	1532	1535	rBV4	38124	62695	1.54%	0.131%
41	11.228	1550	1554	1557	rBV5	45304	76165	1.87%	0.159%
42	11.304	1563	1567	1570	rBV	84762	83348	2.05%	0.174%
43	11.345	1571	1574	1576	rBV	138540	112202	2.75%	0.234%
44	11.498	1596	1600	1603	rBV	1443640	1372086	33.67%	2.865%
45	11.522	1603	1604	1608	rVV	592897	401028	9.84%	0.837%
46	11.575	1610	1613	1615	rVV	171942	148479	3.64%	0.310%
47	11.598	1615	1617	1624	rVB5	32508	65570	1.61%	0.137%
48	11.727	1636	1639	1643	rBV2	70622	76777	1.88%	0.160%
49	11.769	1644	1646	1648	rVV	90667	68739	1.69%	0.144%
50	11.833	1654	1657	1661	rVB	46405	50747	1.25%	0.106%
51	12.004	1683	1686	1688	rBV2	306856	331298	8.13%	0.692%
52	12.027	1688	1690	1694	rVV	228828	202012	4.96%	0.422%
53	12.075	1695	1698	1701	rVV	72858	69886	1.71%	0.146%
54	12.110	1701	1704	1707	rVV2	200267	237043	5.82%	0.495%
55	12.133	1707	1708	1712	rVB	110392	77211	1.89%	0.161%
56	12.180	1713	1716	1719	rBV2	110198	97340	2.39%	0.203%
57	12.292	1732	1735	1738	rBV	93027	91049	2.23%	0.190%
58	12.322	1738	1740	1746	rVB2	79870	89774	2.20%	0.187%
59	12.551	1776	1779	1781	rBV	166046	173744	4.26%	0.363%
60	12.639	1791	1794	1798	rBV3	103136	126452	3.10%	0.264%
61	12.716	1803	1807	1811	rVB	870675	720135	17.67%	1.504%
62	12.810	1821	1823	1825	rVB	78451	59707	1.47%	0.125%
63	12.945	1840	1846	1852	rVV	857519	976011	23.95%	2.038%
64	12.998	1852	1855	1858	rVB	83729	94239	2.31%	0.197%
65	13.086	1865	1870	1873	rBV	2823413	2451699	60.16%	5.120%
66	13.157	1879	1882	1890	rBV6	106095	172922	4.24%	0.361%
67	13.251	1894	1898	1899	rBV3	93356	114298	2.80%	0.239%
68	13.269	1899	1901	1904	rVB	129122	131592	3.23%	0.275%
69	13.339	1910	1913	1915	rVB	74569	52759	1.29%	0.110%
70	13.380	1916	1920	1923	rVB2	116617	121394	2.98%	0.254%
71	13.469	1932	1935	1938	rBV	104606	100921	2.48%	0.211%

LSC Area Percent Report

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Sample : J5625-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-02

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.504	1938	1941	1943	rVV	91641	88218	2.16%	0.184%
73	13.551	1946	1949	1952	rVB	396302	322888	7.92%	0.674%
74	13.639	1962	1964	1967	rBV3	53532	61293	1.50%	0.128%
75	13.780	1986	1988	1993	rVB2	105674	117452	2.88%	0.245%
76	13.827	1993	1996	1998	rBV	44305	54660	1.34%	0.114%
77	13.892	2005	2007	2010	rVB2	113121	113395	2.78%	0.237%
78	13.963	2017	2019	2022	rBV3	190570	186350	4.57%	0.389%
79	14.104	2040	2043	2046	rBV	237206	232503	5.71%	0.486%
80	14.145	2046	2050	2053	rVV2	1131777	1410830	34.62%	2.946%
81	14.174	2053	2055	2060	rVB	405506	371158	9.11%	0.775%
82	14.286	2072	2074	2080	rVV4	88254	91871	2.25%	0.192%
83	14.339	2080	2083	2085	rVB	123260	90337	2.22%	0.189%
84	14.498	2107	2110	2111	rBV	79210	70398	1.73%	0.147%
85	14.533	2113	2116	2119	rVV	136292	135901	3.33%	0.284%
86	14.563	2119	2121	2124	rVV2	85571	81835	2.01%	0.171%
87	14.592	2124	2126	2131	rVV3	118100	139995	3.44%	0.292%
88	14.663	2135	2138	2139	rBV2	59870	52783	1.30%	0.110%
89	14.910	2177	2180	2183	rBV	129662	118374	2.90%	0.247%
90	15.216	2228	2232	2236	rBV	436764	703626	17.27%	1.469%
91	15.268	2239	2241	2248	rVV3	199537	215422	5.29%	0.450%
92	15.333	2249	2252	2259	rVB	88184	112674	2.76%	0.235%
93	15.539	2283	2287	2293	rVB	318355	409515	10.05%	0.855%
94	15.604	2294	2298	2303	rVV	338395	441061	10.82%	0.921%
95	15.674	2304	2310	2313	rVV2	773634	1098836	26.96%	2.295%
96	15.704	2313	2315	2322	rVB2	111177	161544	3.96%	0.337%
97	16.127	2383	2387	2392	rVB	200206	308589	7.57%	0.644%
98	16.668	2474	2479	2484	rVB	107523	193254	4.74%	0.404%
99	17.227	2568	2574	2581	rBV2	150851	303795	7.45%	0.634%
100	17.704	2648	2655	2667	rVB	123784	292030	7.17%	0.610%

Sum of corrected areas: 47884739

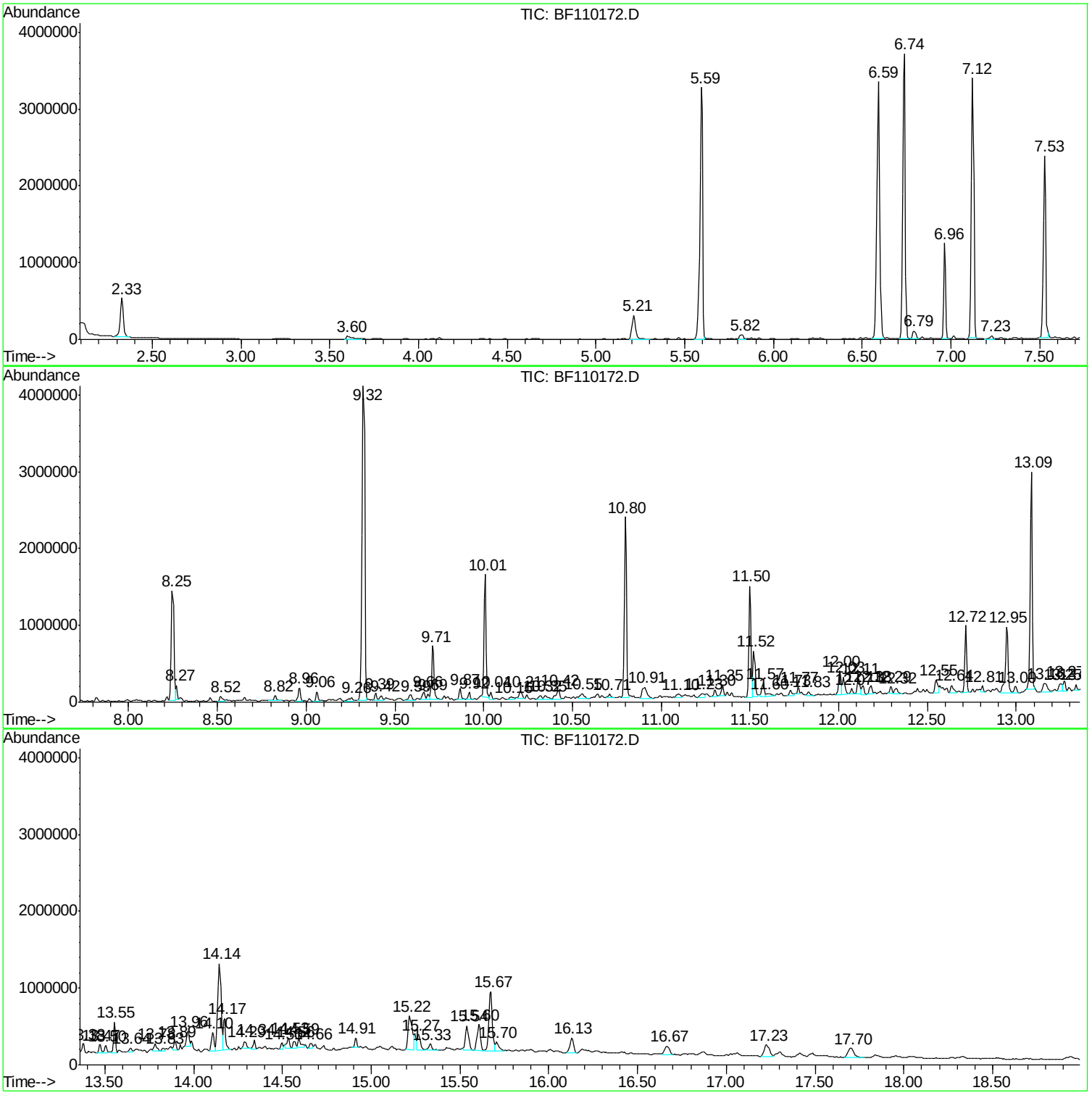
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110172.D
Acq On : 25 Oct 2018 20:39
Operator : JU/SJ
Sample : J5625-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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\BF102518\
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Instrument : BNA_F
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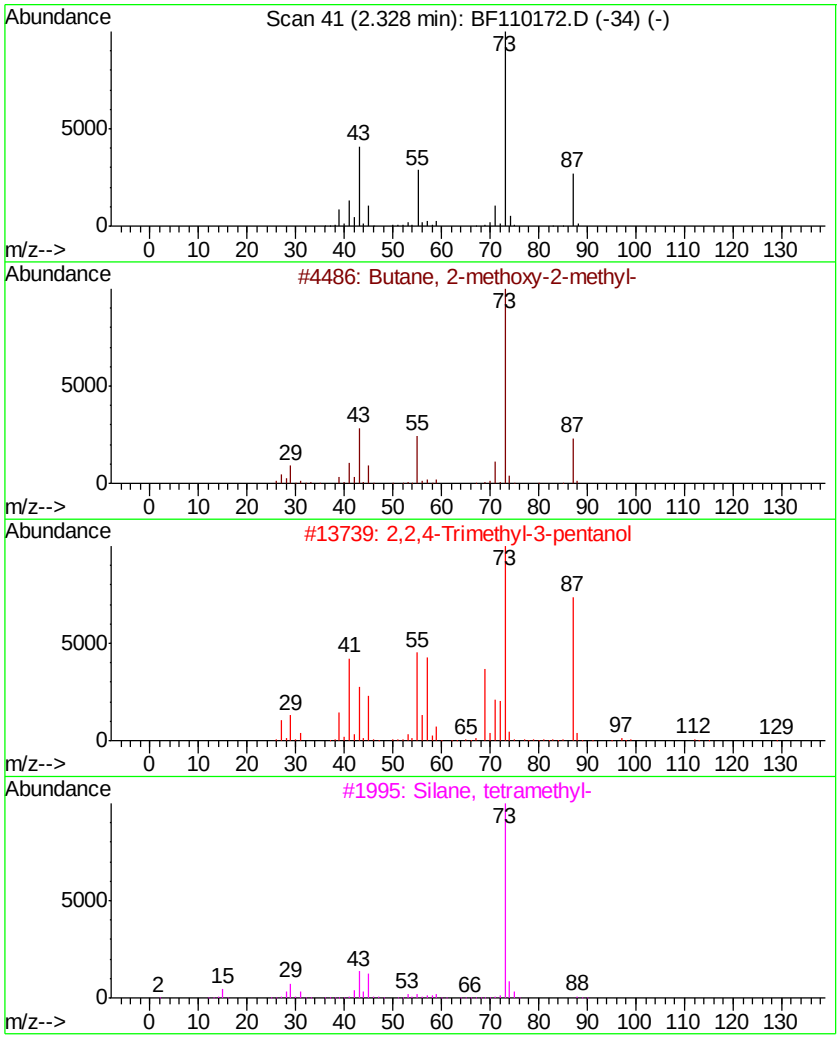
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

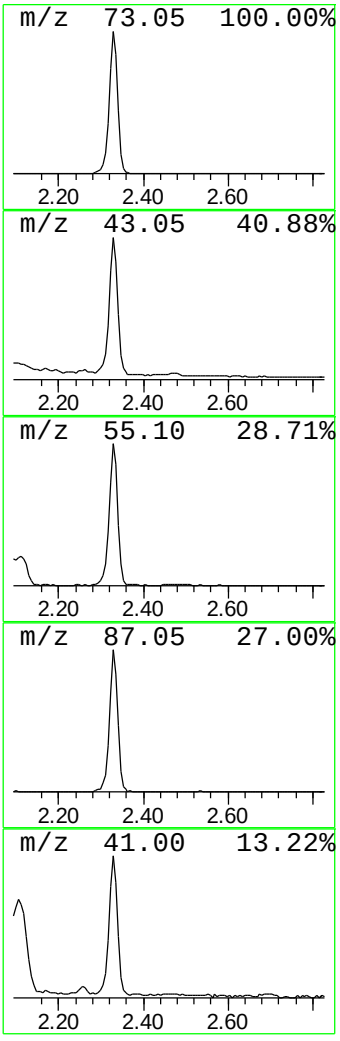
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.33	13.69 ng	691108	1,4-Dichlorobenzene-d4	6.96

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	16
5	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

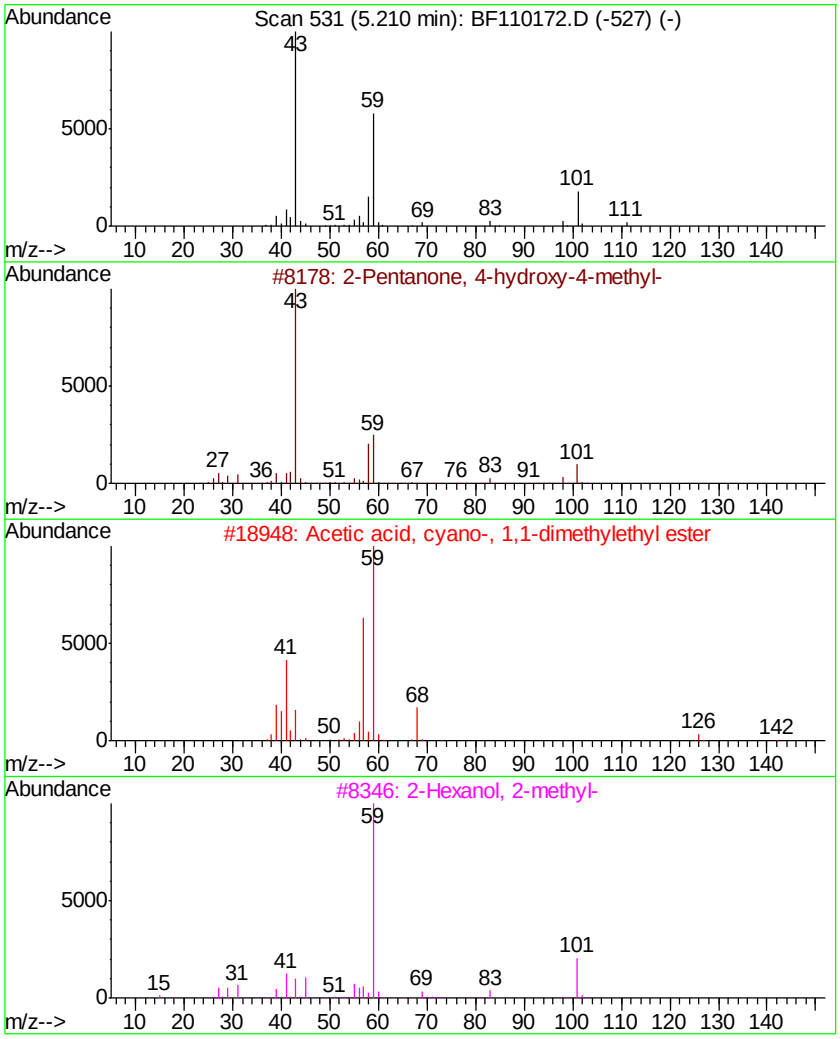
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

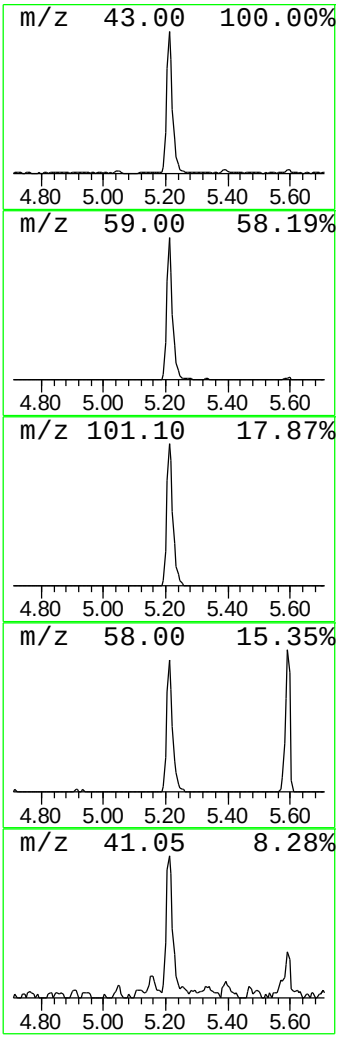
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	8.63 ng	435411	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	10
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : DW-02

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TIC Library : C:\DATABASE\NIST11.L
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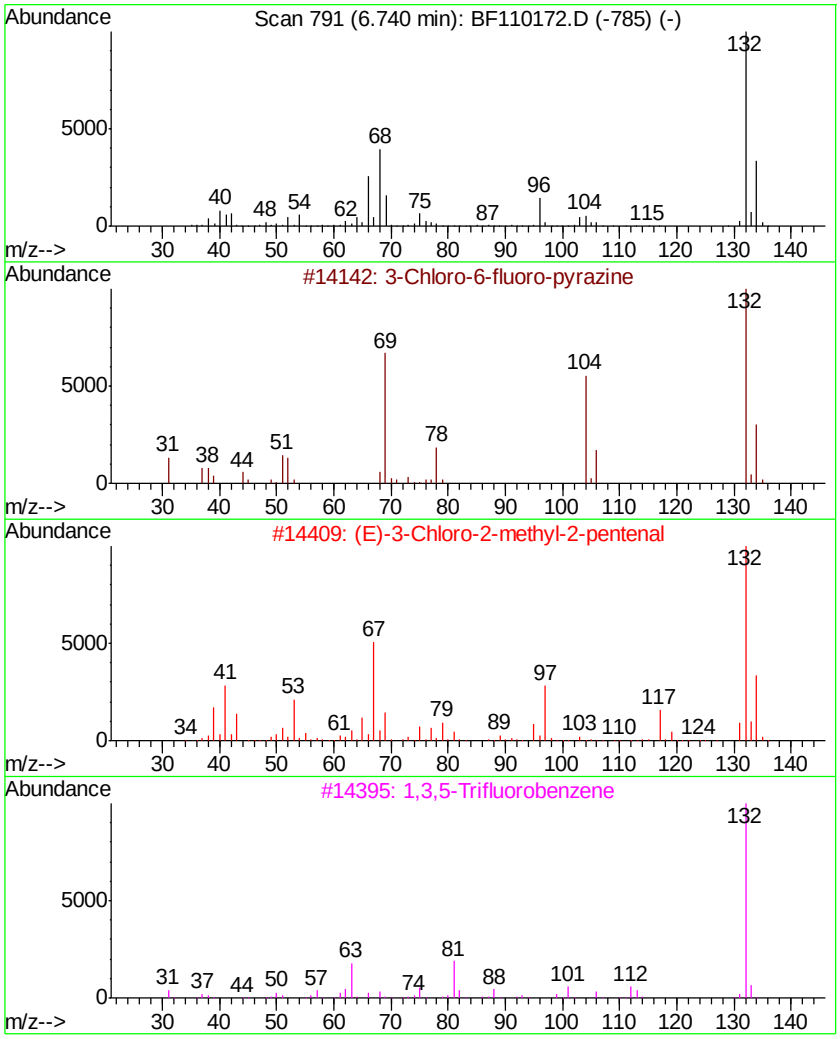
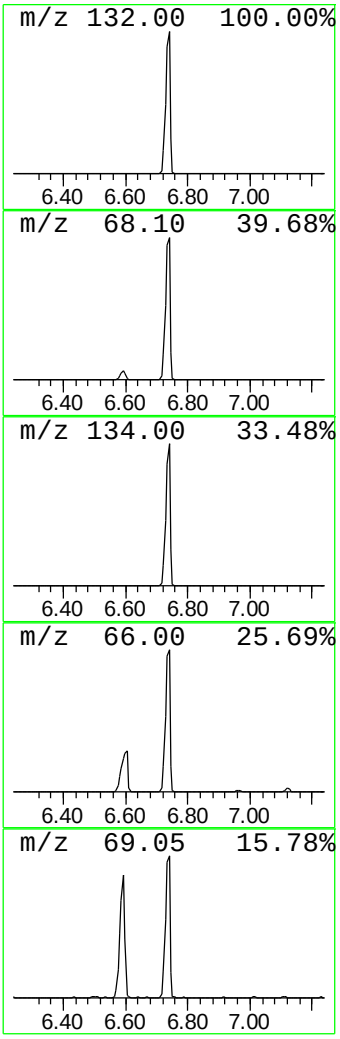
****

Peak Number 3 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	73.99 ng	3734990	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Instrument : BNA_F
ClientSampleId : DW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

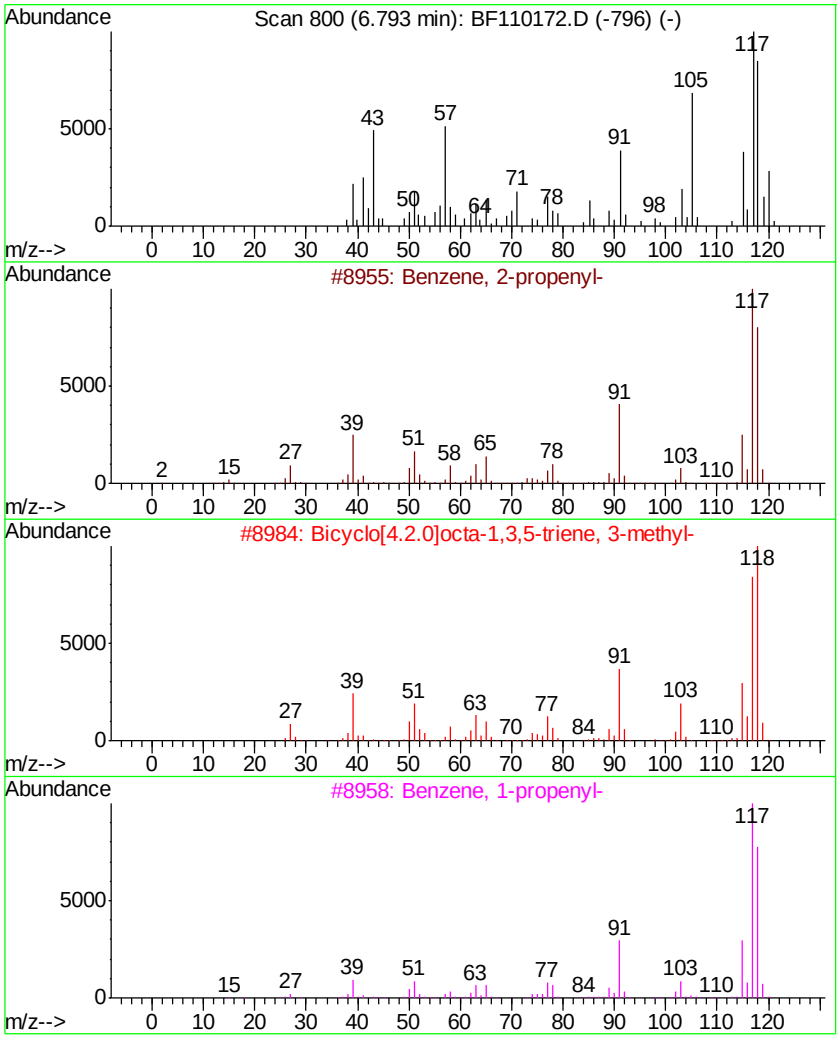
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

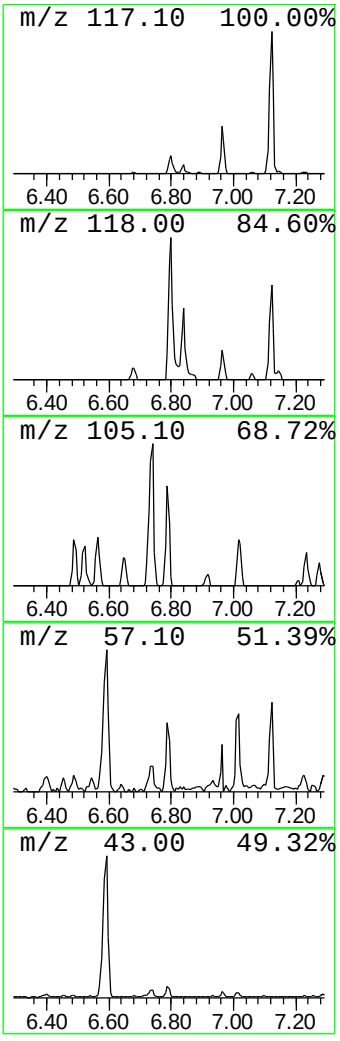
****

Peak Number 4 Benzene, 2-propenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	2.37 ng	119524	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	86
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	70
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	70
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110172.D
Acq On : 25 Oct 2018 20:39
Operator : JU/SJ
Sample : J5625-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

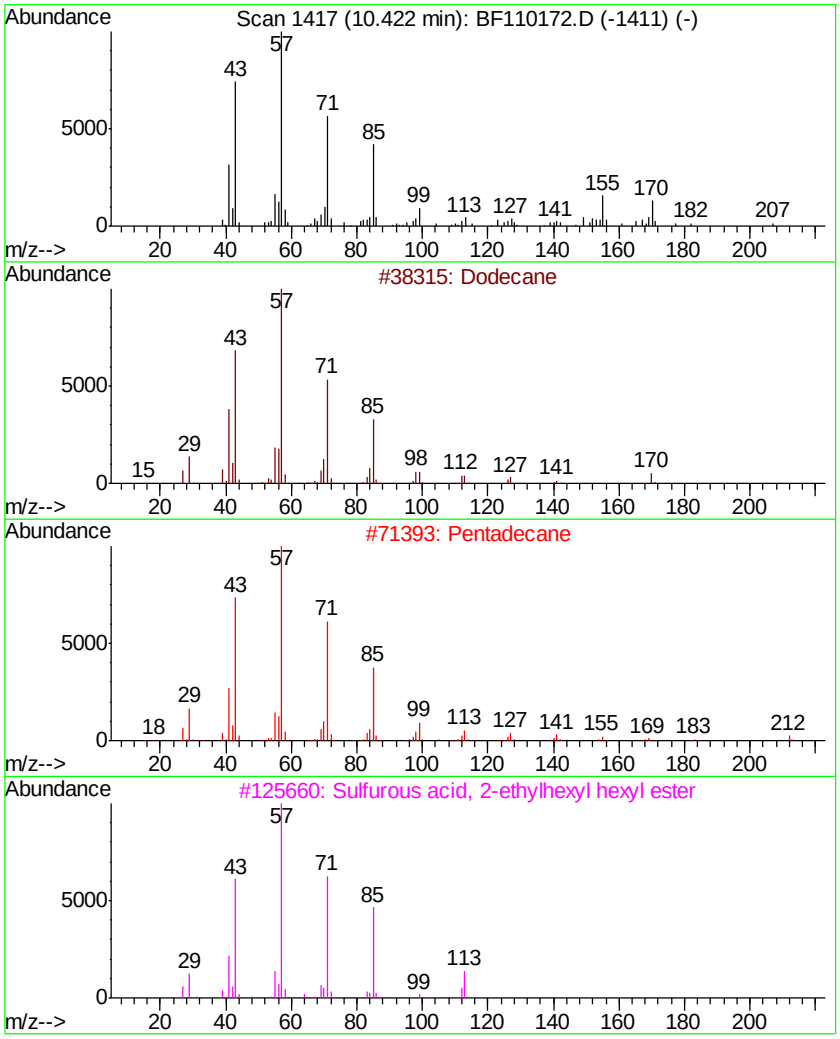
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

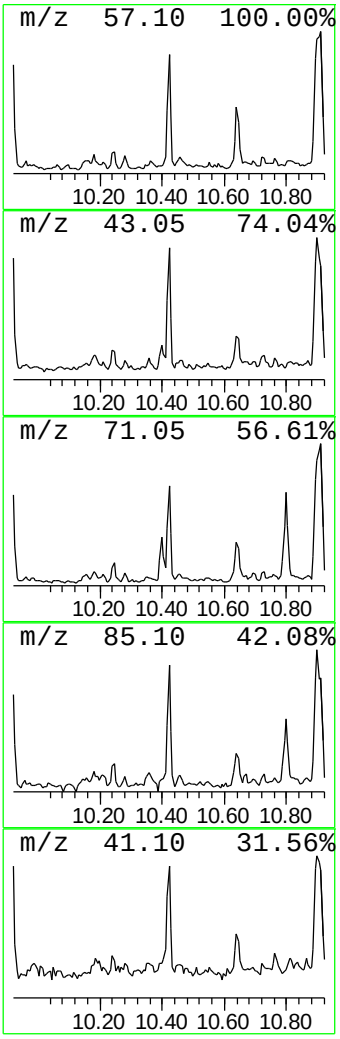
****

Peak Number 6 Dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	2.52 ng	175429	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	74
2	Pentadecane	212	C15H32	000629-62-9	64
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	58
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	55
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	52





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Acq On : 25 Oct 2018 20:39
Operator : JU/SJ
Sample : J5625-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-02

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

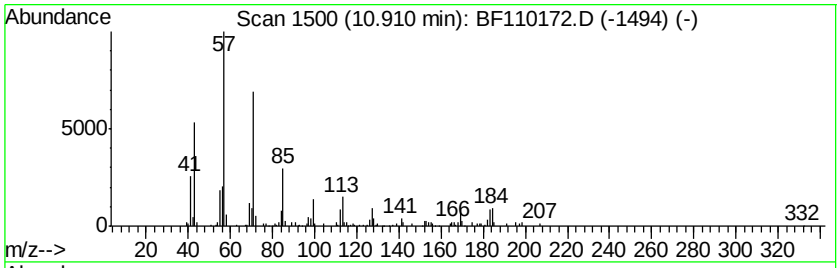
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

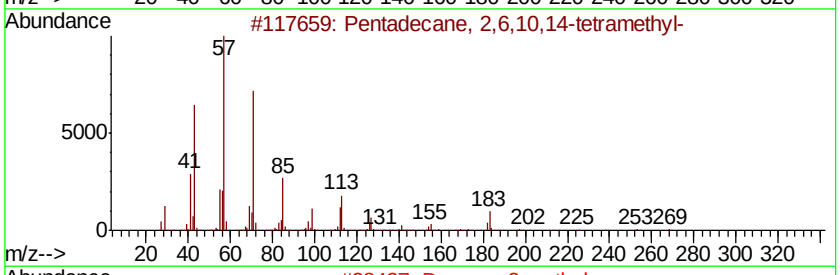
****

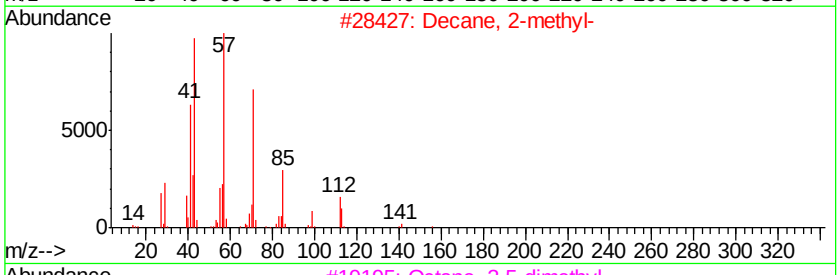
Peak Number 7 Pentadecane, 2,6,10,14-tetr... Concentration Rank 8

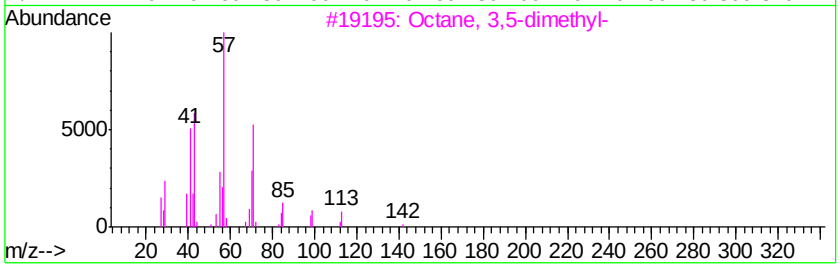
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	4.10 ng	281579	Phenanthrene-d10	11.50

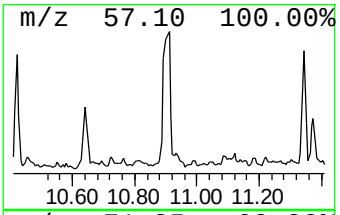
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2	Decane, 2-methyl-	156	C11H24	006975-98-0	72
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
4	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	62
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58

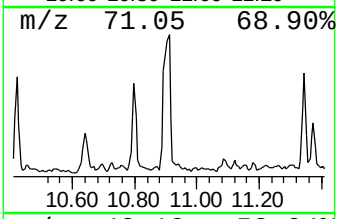


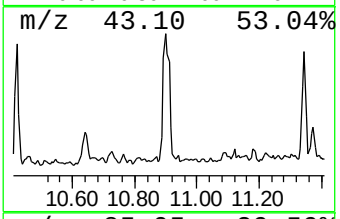


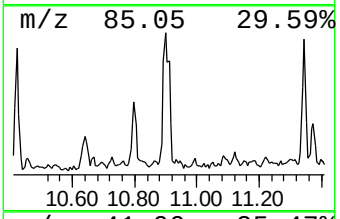


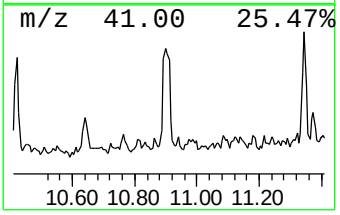












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Acq On : 25 Oct 2018 20:39
Operator : JU/SJ
Sample : J5625-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-02

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

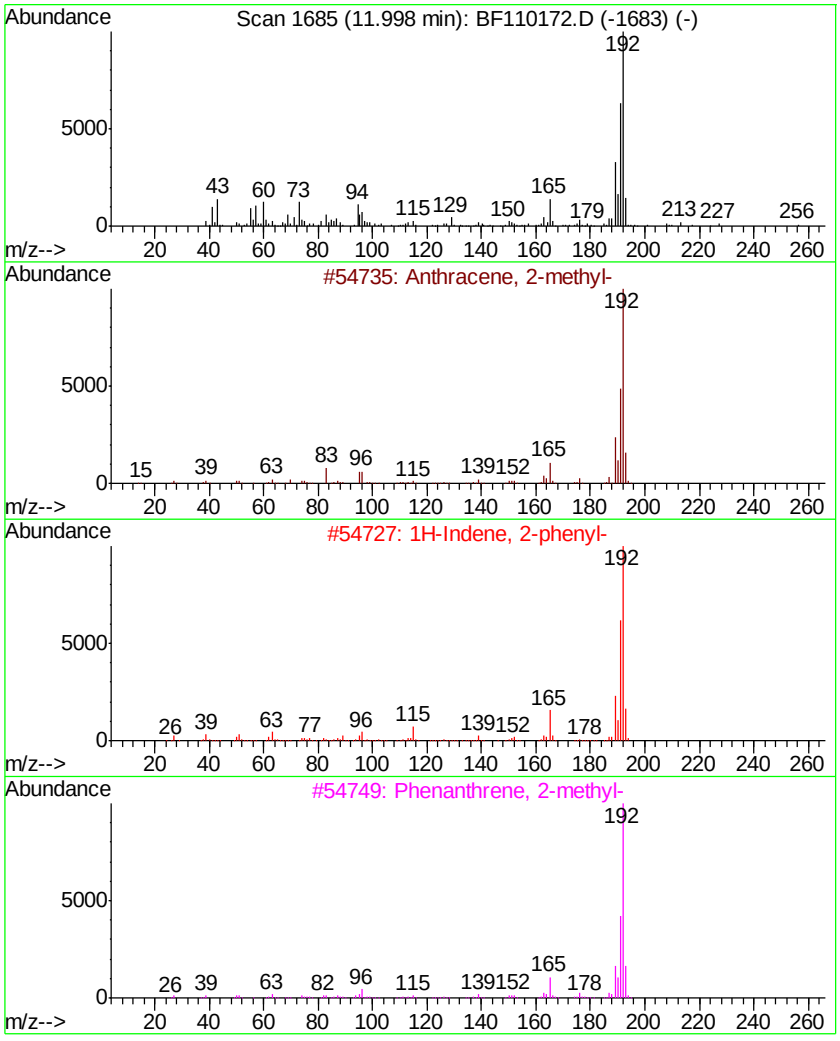
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

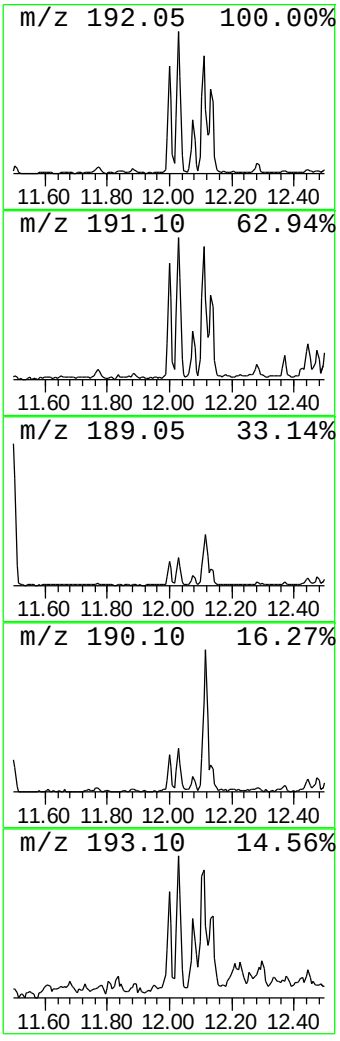
****

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	4.83 ng	331298	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	78
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	78
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-02

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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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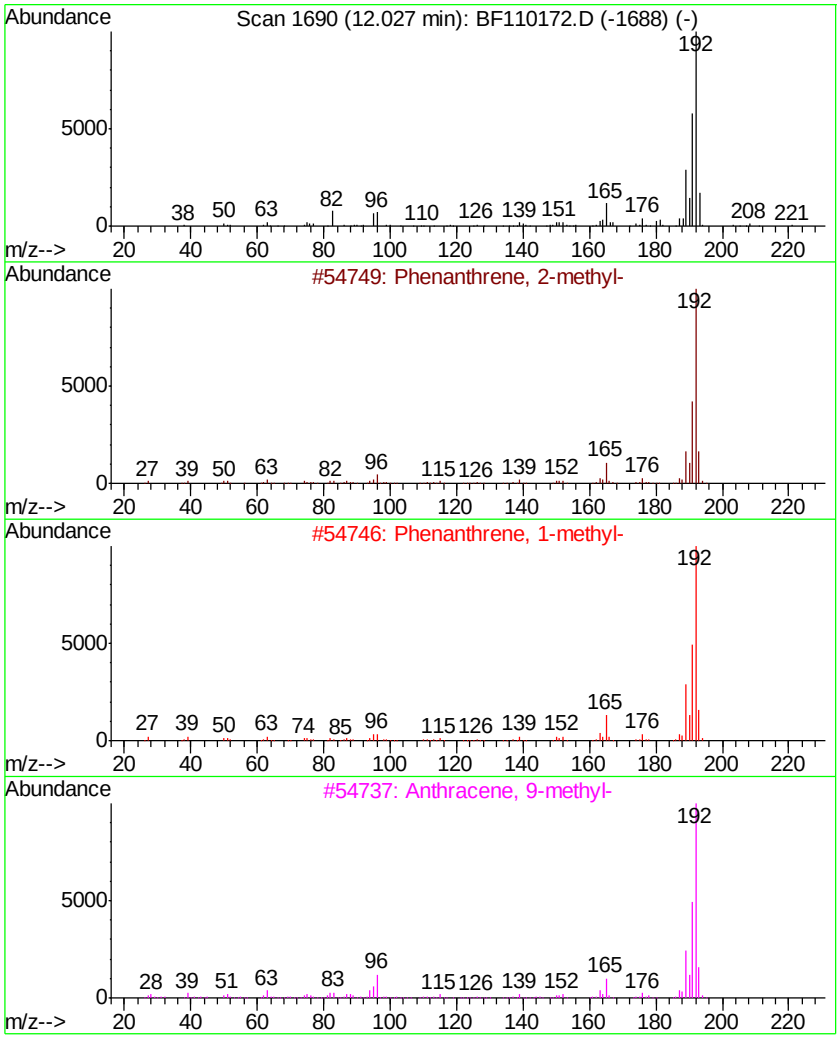
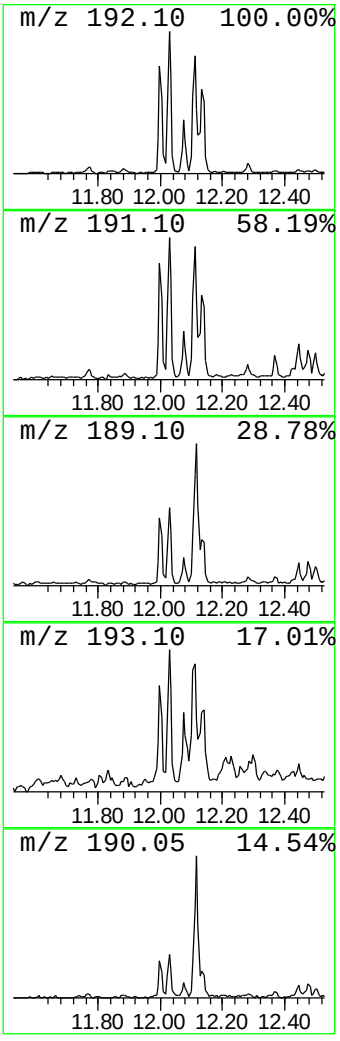
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.94 ng	202012	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-02

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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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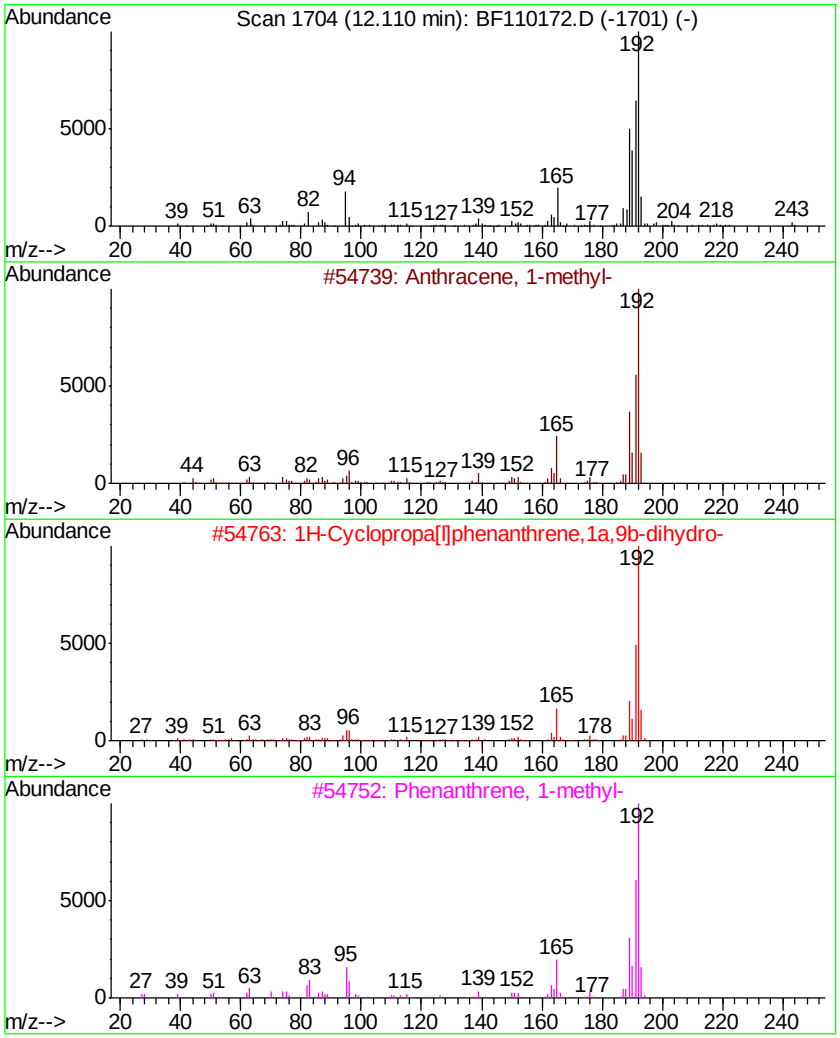
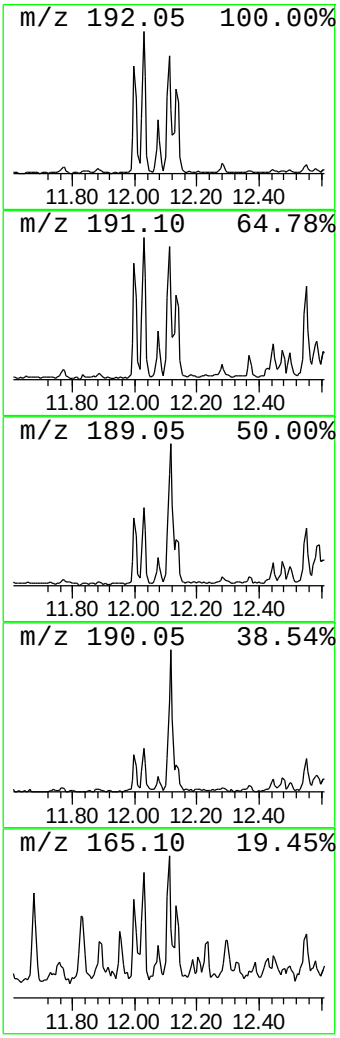
Peak Number 10 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	3.46 ng	237043	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60





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Sample : J5625-03
Misc :
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Instrument : BNA_F
ClientSampleId : DW-02

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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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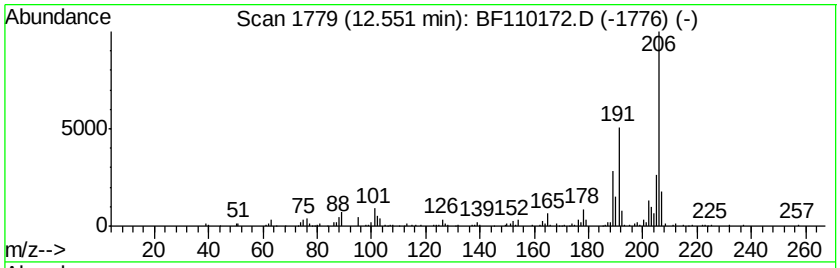
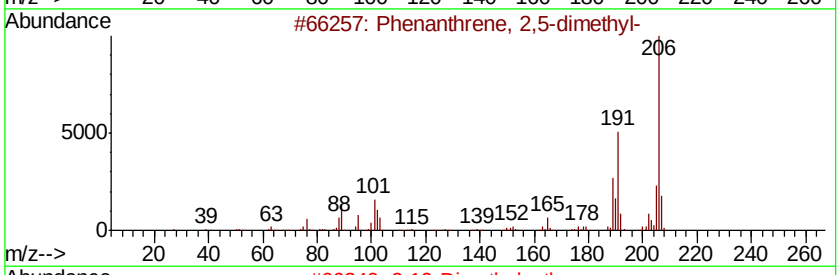
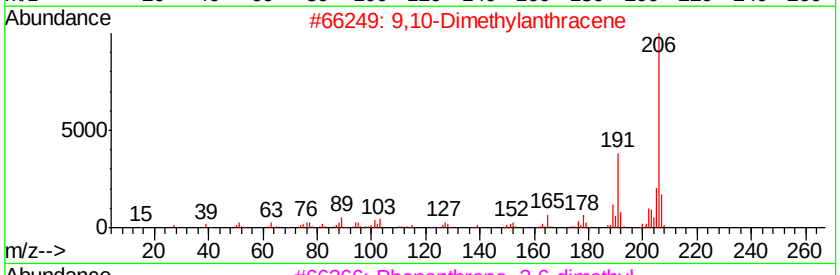
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

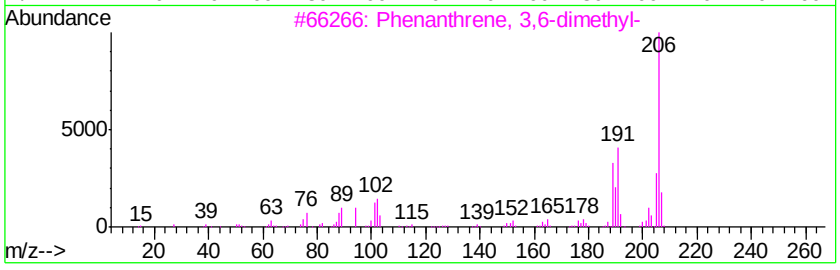
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	2.53 ng	173744	Phenanthrene-d10	11.50

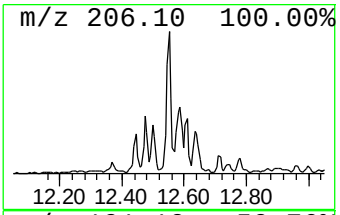
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89

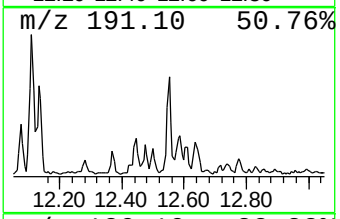


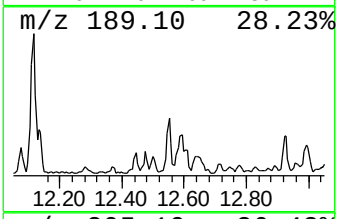


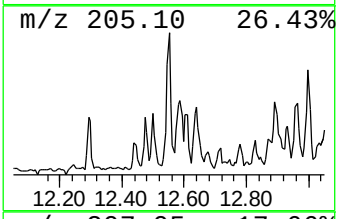


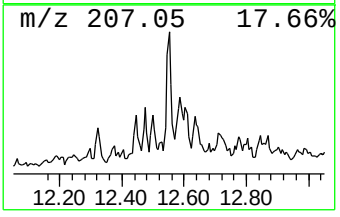












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Sample : J5625-03
Misc :
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Instrument : BNA_F
ClientSampleId : DW-02

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

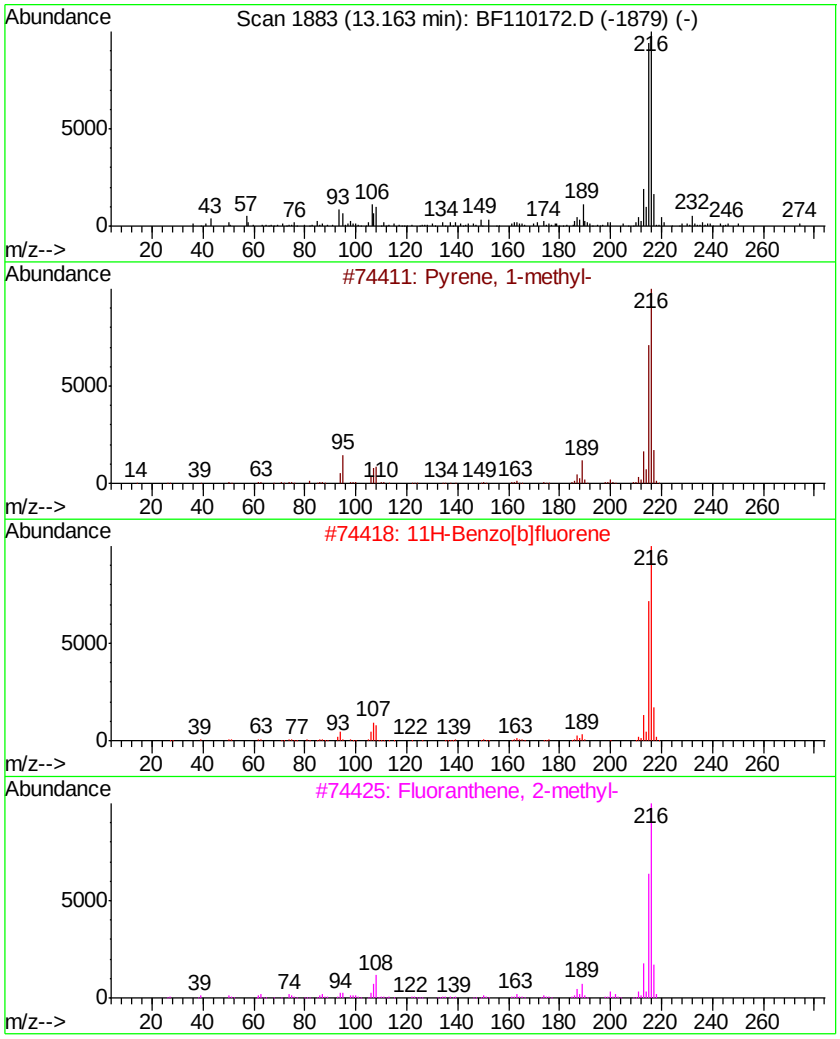
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

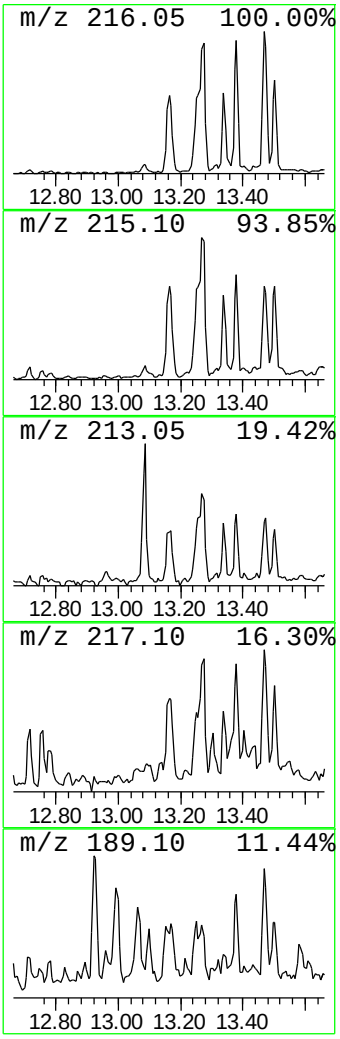
****

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.45 ng	172922	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53





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ClientSampleId : DW-02

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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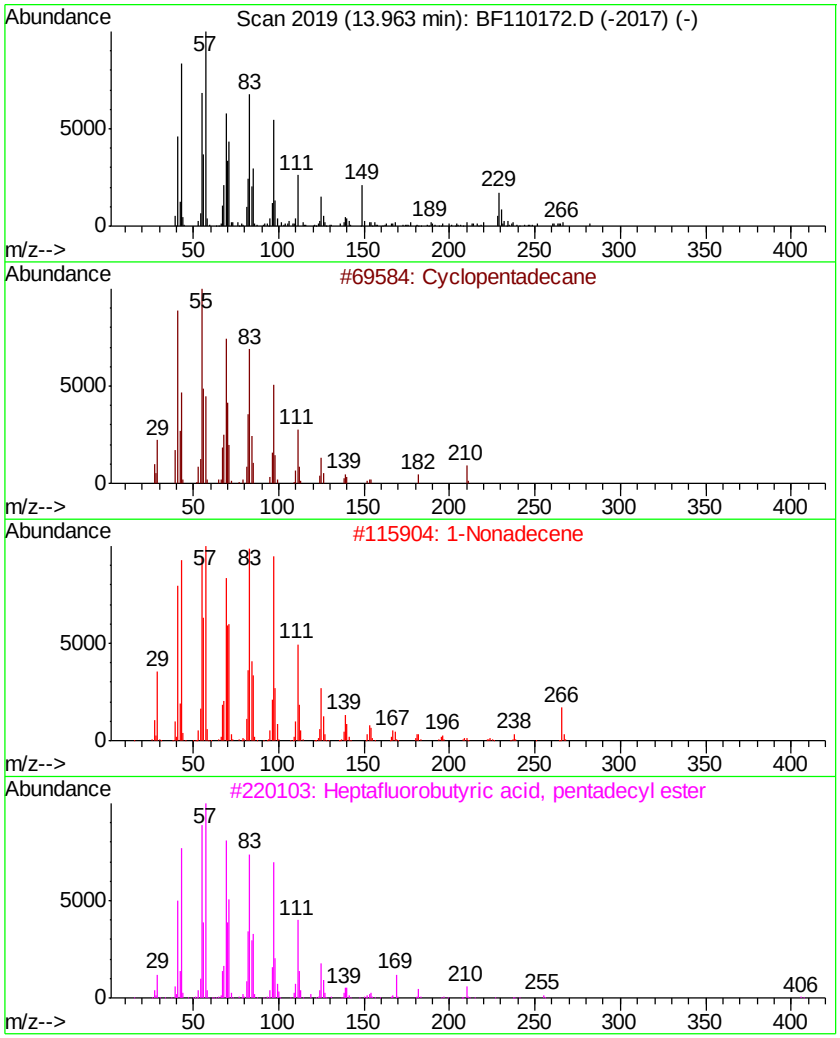
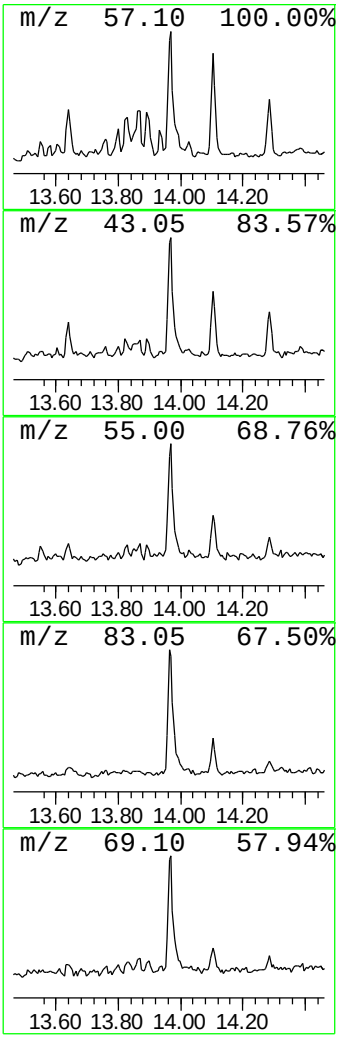
Peak Number 13 Cyclopentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	2.64 ng	186350	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	1-Nonadecene	266	C19H38	018435-45-5	95
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	87
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	87





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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
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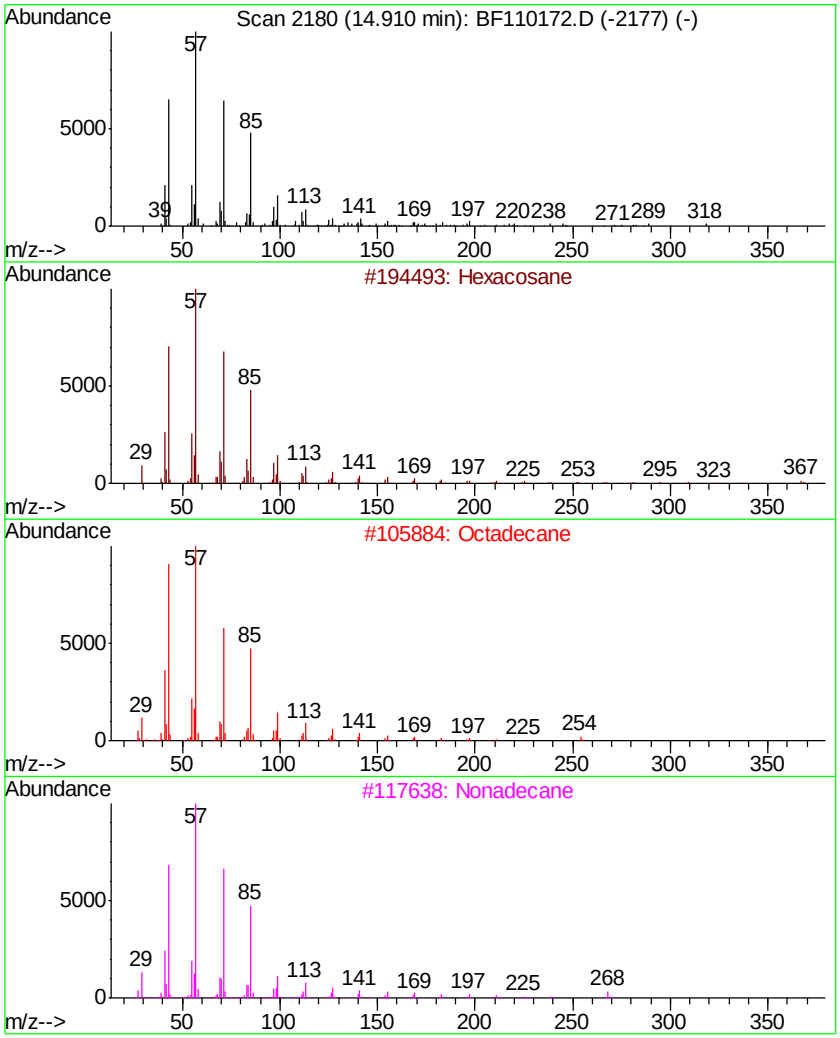
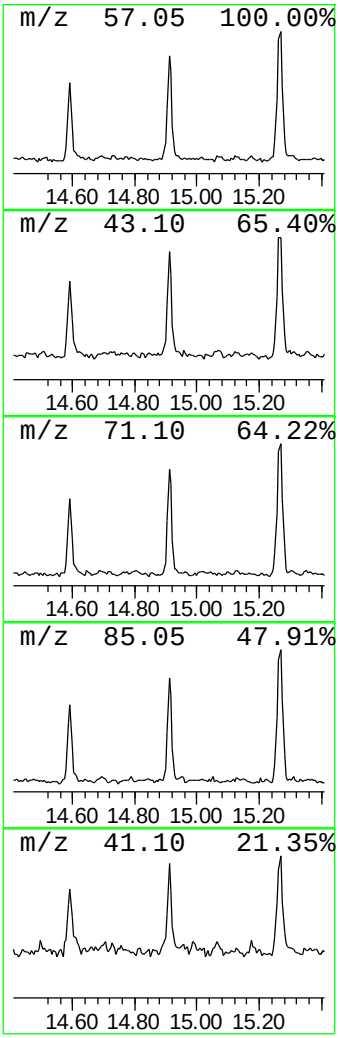
Peak Number 14 Hexacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	2.15 ng	118374	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Octadecane	254	C18H38	000593-45-3	83
3	Nonadecane	268	C19H40	000629-92-5	83
4	Tetratetracontane	619	C44H90	007098-22-8	76
5	Hexadecane	226	C16H34	000544-76-3	74





Library Search Compound Report

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Sample : J5625-03
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-02

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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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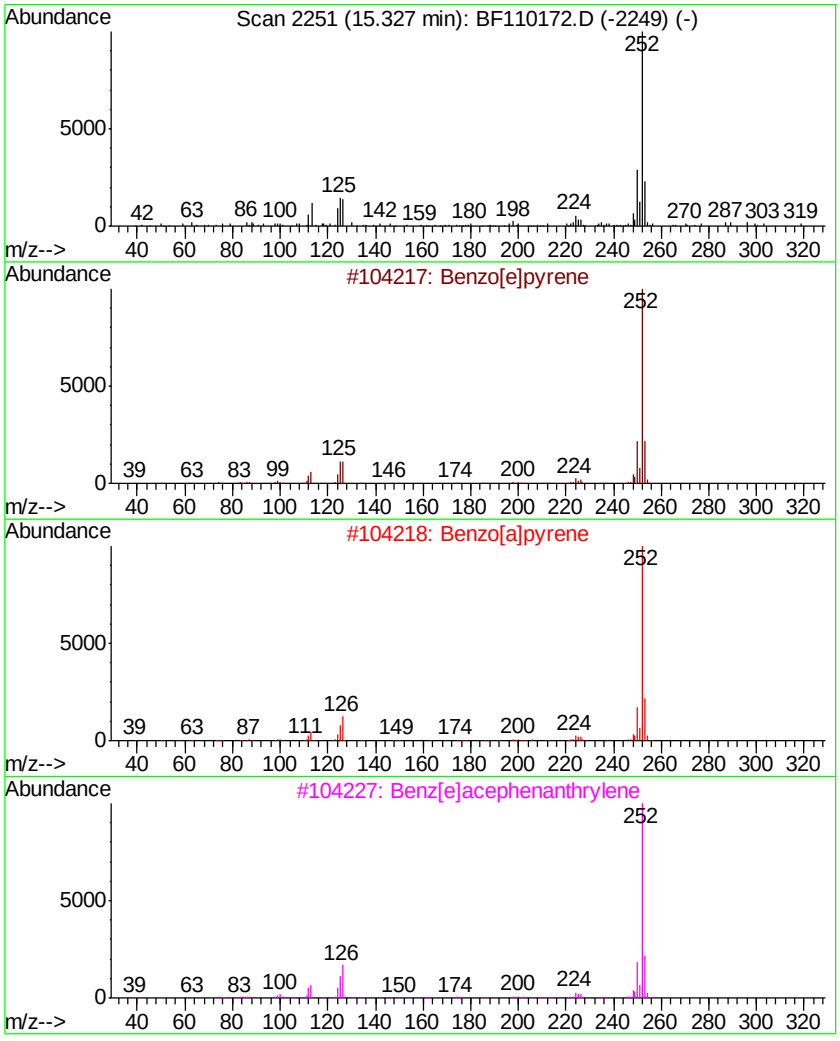
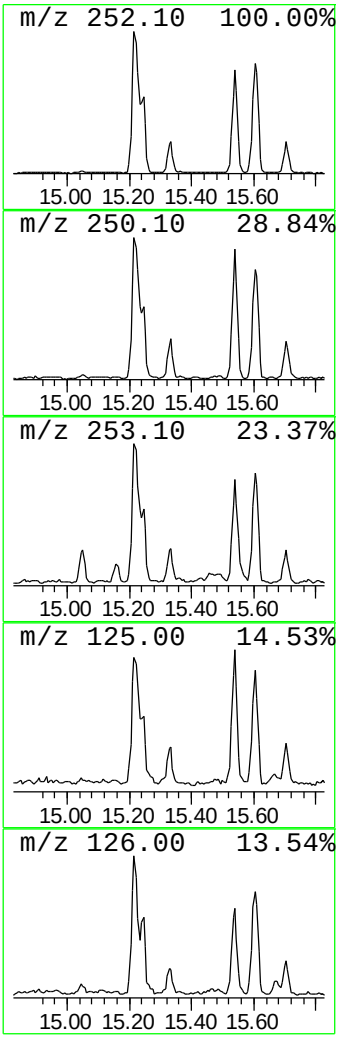
Peak Number 15 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	2.05 ng	112674	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	89





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Acq On : 25 Oct 2018 20:39
Operator : JU/SJ
Sample : J5625-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

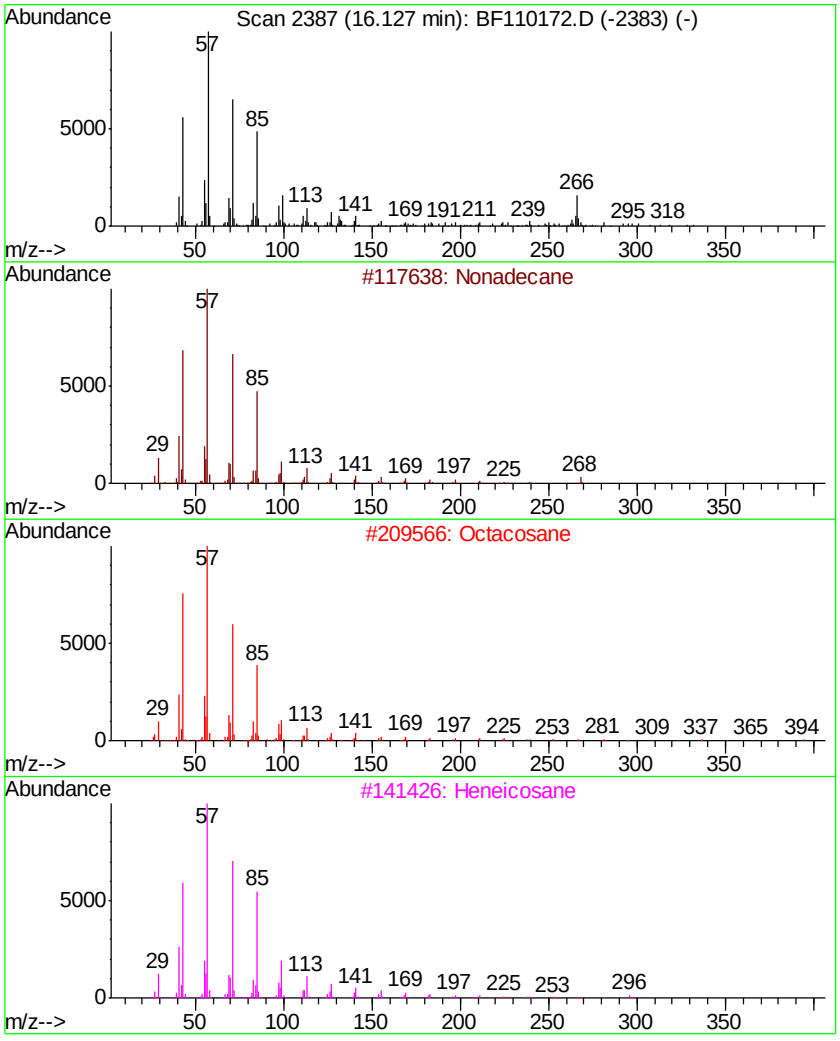
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

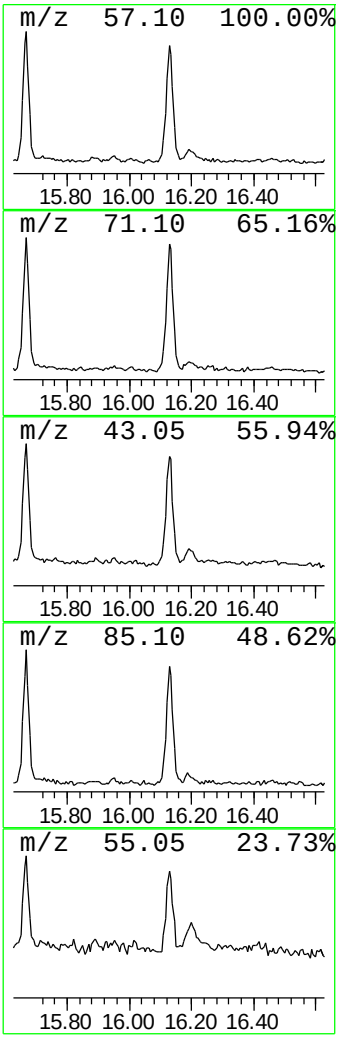
****

Peak Number 17 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	5.62 ng	308589	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Octacosane	394	C28H58	000630-02-4	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110172.D
Acq On : 25 Oct 2018 20:39
Operator : JU/SJ
Sample : J5625-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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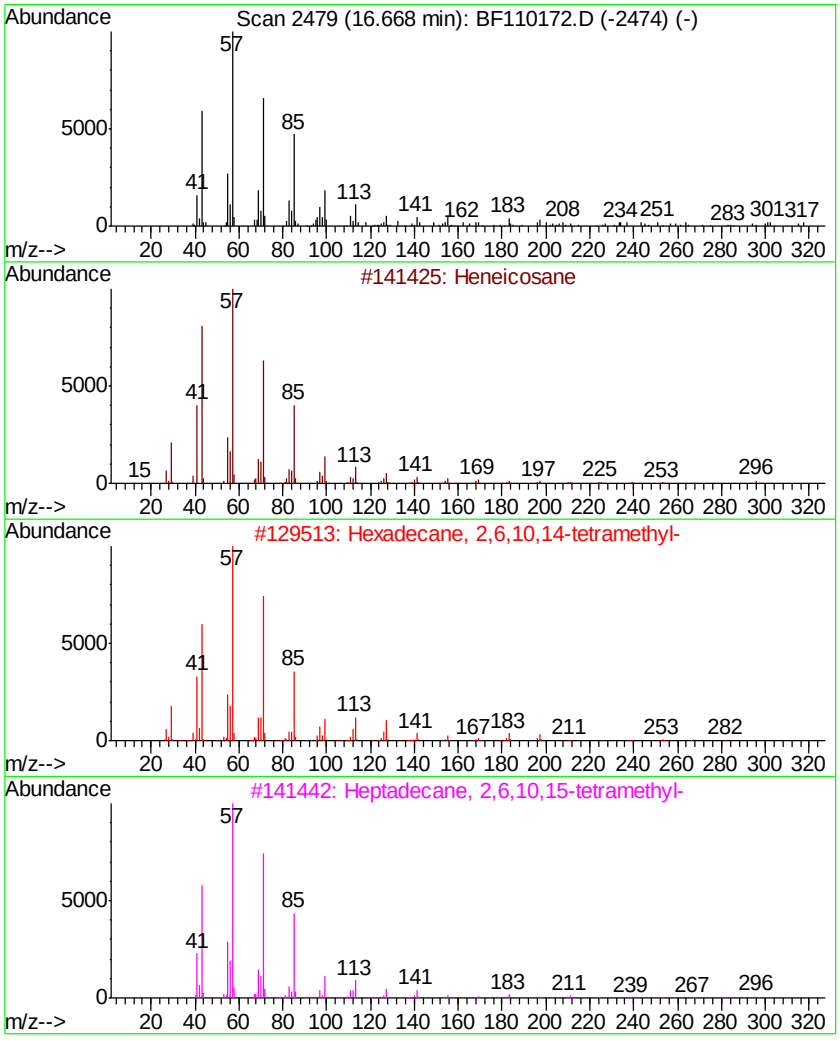
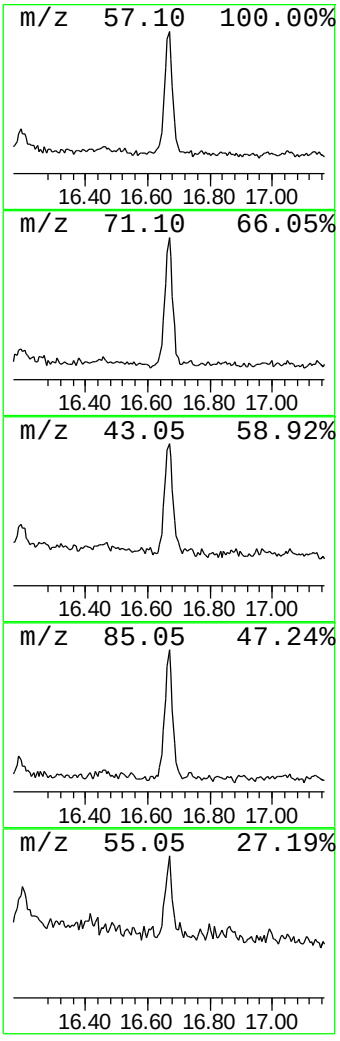
Peak Number 18 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	3.52 ng	193254	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
5	Hexacosane	366	C26H54	000630-01-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102518\
Data File : BF110172.D
Acq On : 25 Oct 2018 20:39
Operator : JU/SJ
Sample : J5625-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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...	2.33	13.7	ng	691108	1	6.96	1009620	20.0
2-Pentanone, 4-hy...	5.21	8.6	ng	435411	1	6.96	1009620	20.0
unknown6.74	6.74	74.0	ng	3734990	1	6.96	1009620	20.0
Benzene, 2-propenyl-	6.79	2.4	ng	119524	1	6.96	1009620	20.0
Dodecane	10.42	2.5	ng	175429	3	10.01	1389560	20.0
Pentadecane, 2,6,...	10.91	4.1	ng	281579	4	11.50	1372090	20.0
Anthracene, 2-met...	12.00	4.8	ng	331298	4	11.50	1372090	20.0
Phenanthrene, 2-m...	12.03	2.9	ng	202012	4	11.50	1372090	20.0
Anthracene, 1-met...	12.11	3.5	ng	237043	4	11.50	1372090	20.0
Phenanthrene, 2,5...	12.55	2.5	ng	173744	4	11.50	1372090	20.0
Pyrene, 1-methyl-	13.16	2.5	ng	172922	5	14.15	1410830	20.0
Cyclopentadecane	13.96	2.6	ng	186350	5	14.15	1410830	20.0
Hexacosane	14.91	2.1	ng	118374	6	15.67	1098840	20.0
Benzo[e]pyrene	15.33	2.0	ng	112674	6	15.67	1098840	20.0
Nonadecane	16.13	5.6	ng	308589	6	15.67	1098840	20.0
Heneicosane	16.67	3.5	ng	193254	6	15.67	1098840	20.0