LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121018.D
Acq On : 24 Jul 2020 22:52
Operator : JU/CG
Sample : L3383-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-022

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-BF071620.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	5.022	495	499	504	rVB	39154	46004	1.51%	0.161%
2	5.428	563	568	571	rBV	2502593	2383476	78.19%	8.362%
3	6.445	736	741	744	rBV	2422168	2322234	76.18%	8.148%
4	6.645	771	775	780	rBV3	70022	88036	2.89%	0.309%
5	6.816	800	804	807	rBV	966169	872274	28.62%	3.060%
6	7.375	894	899	902	rBV	1799394	1595828	52.35%	5.599%
7	8.098	1018	1022	1025	rBV	1204836	1066272	34.98%	3.741%
8	9.169	1200	1204	1216	rBV	2938543	3048168	100.00%	10.694%
9	9.563	1268	1271	1275	rBV	225316	208922	6.85%	0.733%
10	9.710	1293	1296	1300	rBV	87137	73678	2.42%	0.258%
11	9.851	1313	1320	1323	rBV	1193670	1148415	37.68%	4.029%
12	9.881	1323	1325	1334	rVB	67797	93408	3.06%	0.328%
13	10.051	1351	1354	1359	rBV	38161	39503	1.30%	0.139%
14	10.257	1385	1389	1390	rBV2	30038	32271	1.06%	0.113%
15	10.281	1390	1393	1395	rVB	45158	42356	1.39%	0.149%
16	10.392	1409	1412	1418	rBV3	38463	51765	1.70%	0.182%
17	10.504	1425	1431	1434	rBV2	38515	53649	1.76%	0.188%
18	10.633	1449	1453	1465	rBV	1520879	1606614	52.71%	5.637%
19	10.757	1471	1474	1481	rVB3	84168	143028	4.69%	0.502%
20	11.139	1536	1539	1543	rBV2	44493	42646	1.40%	0.150%
21	11.204	1544	1550	1552	rVV2	78890	110355	3.62%	0.387%
22	11.228	1552	1554	1562	rVB	77619	88333	2.90%	0.310%
23	11.333	1568	1572	1574	rBV	1269492	1104624	36.24%	3.876%
24	11.357	1574	1576	1579	rVV	532593	441603	14.49%	1.549%
25	11.404	1582	1584	1588	rVB	115712	111590	3.66%	0.392%
26	11.563	1609	1611	1613	rBV	36880	33652	1.10%	0.118%
27	11.628	1619	1622	1626	rVB	102606	80286	2.63%	0.282%
28	11.833	1654	1657	1659	rBV	88166	63277	2.08%	0.222%
29	11.863	1659	1662	1665	rVB	143294	128653	4.22%	0.451%
30	11.945	1672	1676	1678	rBV2	106120	123604	4.06%	0.434%
31	11.969	1678	1680	1684	rVB	70698	69460	2.28%	0.244%
32	12.033	1689	1691	1694	rVB	103033	78637	2.58%	0.276%
33	12.127	1705	1707	1709	rBV	52799	46828	1.54%	0.164%
34	12.151	1709	1711	1715	rVB	64225	56945	1.87%	0.200%

LSC Area Percent Report

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Sample : L3383-13
Misc :
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Instrument : BNA_F
ClientSampleId : CRT-022

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-BF071620.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.280	1730	1733	1735	rVB2	38915	32120	1.05%	0.113%
36	12.310	1735	1738	1741	rBV2	95569	96757	3.17%	0.339%
37	12.380	1747	1750	1753	rBV	72196	73455	2.41%	0.258%
38	12.422	1754	1757	1762	rVB2	121583	130633	4.29%	0.458%
39	12.463	1762	1764	1769	rBV	62606	68597	2.25%	0.241%
40	12.545	1774	1778	1781	rBV	620355	587891	19.29%	2.063%
41	12.639	1791	1794	1796	rVB	50650	40823	1.34%	0.143%
42	12.769	1811	1816	1819	rBV	597835	621163	20.38%	2.179%
43	12.792	1819	1820	1823	rVV	91061	77886	2.56%	0.273%
44	12.822	1823	1825	1832	rVB3	53018	72272	2.37%	0.254%
45	12.916	1837	1841	1849	rVB	2668844	2684823	88.08%	9.420%
46	13.074	1866	1868	1870	rBV3	37903	42978	1.41%	0.151%
47	13.098	1870	1872	1875	rVB	94123	81071	2.66%	0.284%
48	13.151	1878	1881	1886	rBV3	74420	89196	2.93%	0.313%
49	13.204	1886	1890	1893	rBV2	96923	96141	3.15%	0.337%
50	13.298	1903	1906	1908	rVB	59258	54426	1.79%	0.191%
51	13.327	1908	1911	1914	rBV2	52237	56900	1.87%	0.200%
52	13.398	1921	1923	1929	rVB7	35244	40052	1.31%	0.141%
53	13.492	1937	1939	1943	rVB2	56439	46036	1.51%	0.162%
54	13.604	1955	1958	1963	rVB	107724	111451	3.66%	0.391%
55	13.716	1973	1977	1980	rBV2	64575	103443	3.39%	0.363%
56	13.745	1980	1982	1984	rVV	58398	47010	1.54%	0.165%
57	13.769	1984	1986	1988	rVV	45660	49991	1.64%	0.175%
58	13.821	1991	1995	2005	rVB3	285001	458000	15.03%	1.607%
59	13.969	2014	2020	2023	rBV2	1182373	1538881	50.49%	5.399%
60	13.992	2023	2024	2032	rVB	373840	270801	8.88%	0.950%
61	14.139	2046	2049	2054	rVB5	60870	77706	2.55%	0.273%
62	14.351	2083	2085	2088	rVB	93012	80986	2.66%	0.284%
63	14.439	2098	2100	2103	rBV2	68944	60562	1.99%	0.212%
64	14.598	2125	2127	2130	rBV2	74684	61901	2.03%	0.217%
65	14.745	2149	2152	2154	rBV2	62346	65759	2.16%	0.231%
66	14.998	2191	2195	2203	rBV	350170	673461	22.09%	2.363%
67	15.074	2206	2208	2211	rBV	65677	58814	1.93%	0.206%
68	15.292	2242	2245	2251	rVB	218516	277926	9.12%	0.975%
69	15.351	2252	2255	2261	rVB	258059	317347	10.41%	1.113%
70	15.416	2262	2266	2270	rBV	804395	1079874	35.43%	3.789%
71	16.839	2504	2508	2516	rVB2	98707	180630	5.93%	0.634%

LSC Area Percent Report

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Integration Parameters: rteint.p
Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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Peak separation: 5

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72	17.010	2532	2537	2544	rBV3	154254	312613	10.26%	1.097%
73	17.268	2577	2581	2589	rVB	96633	185532	6.09%	0.651%

Sum of corrected areas: 28502302

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
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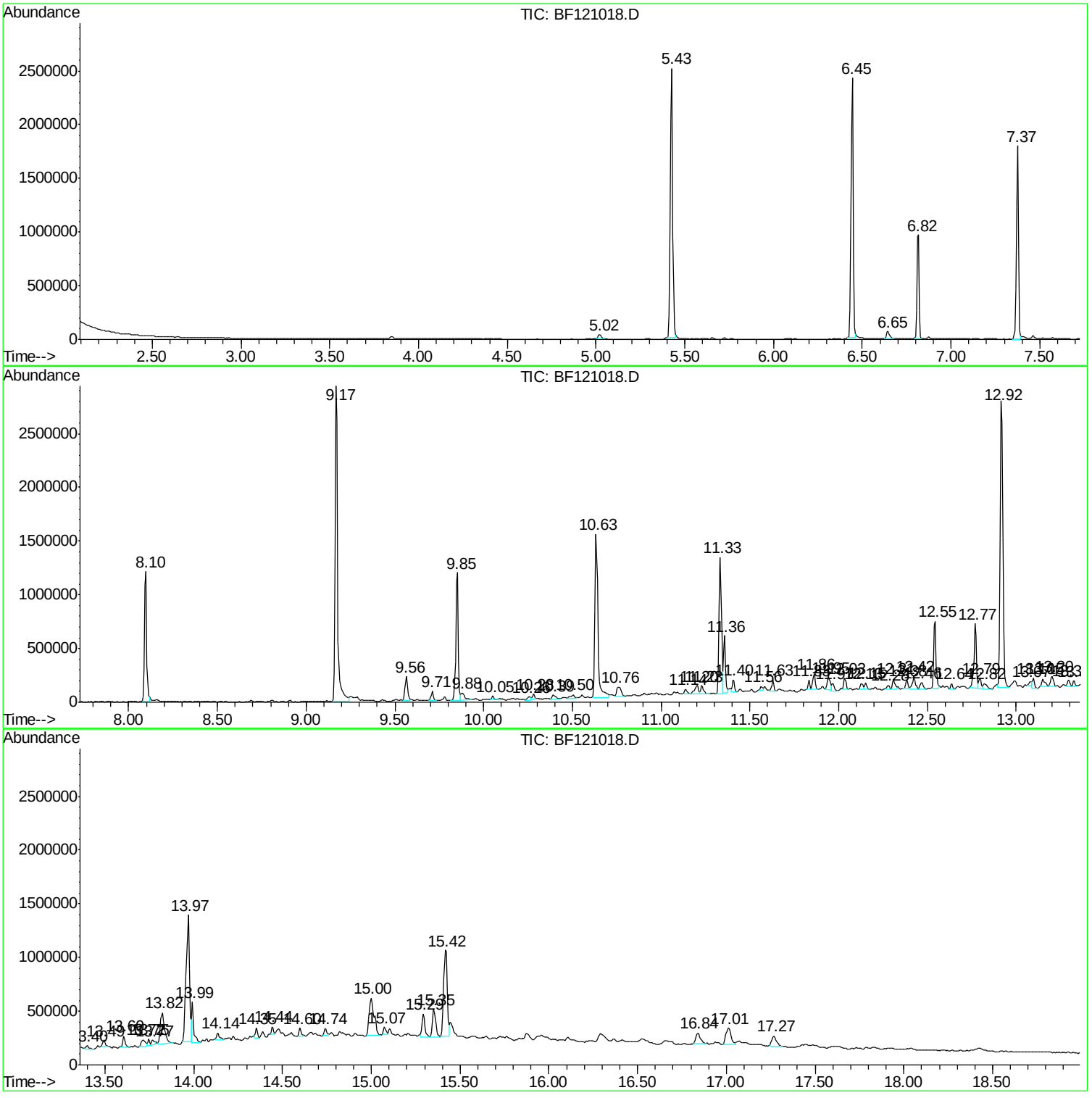
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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\BF072420\
Data File : BF121018.D
Acq On : 24 Jul 2020 22:52
Operator : JU/CG
Sample : L3383-13
Misc :
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Instrument : BNA_F
ClientSampleId : CRT-022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

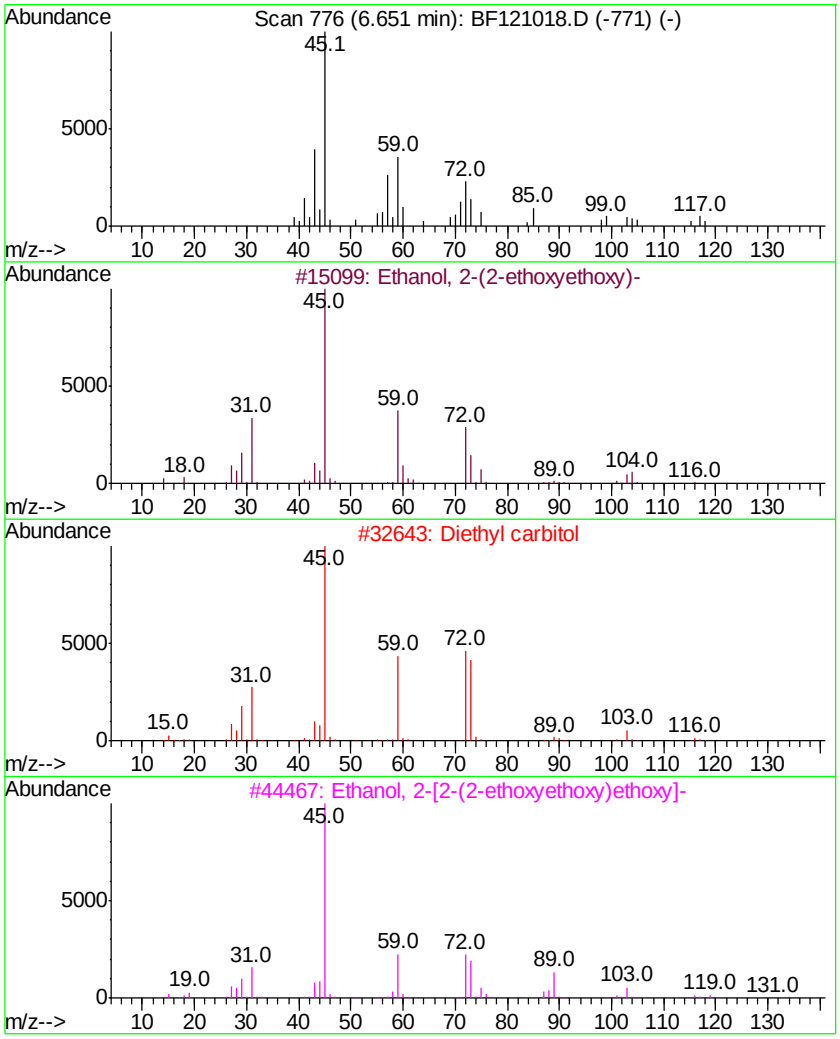
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

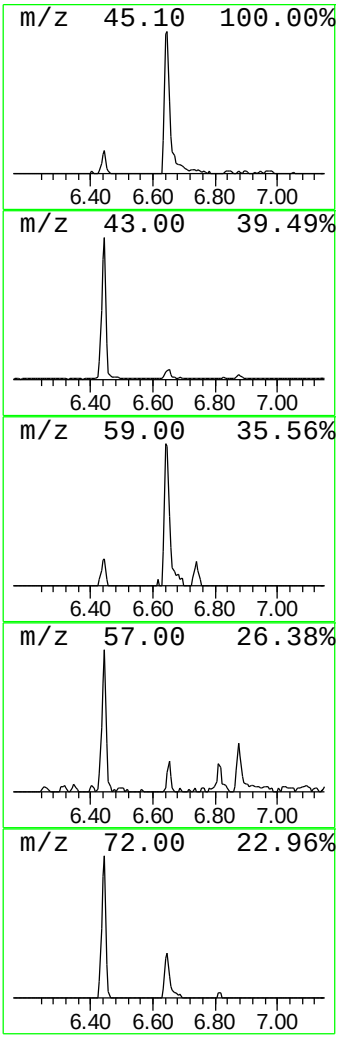
****

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	2.02 ng	88036	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	86
2	Diethyl carbitol	162	C8H18O3	000112-36-7	64
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	45
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	42
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	42





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Instrument : BNA_F
ClientSampleId : CRT-022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

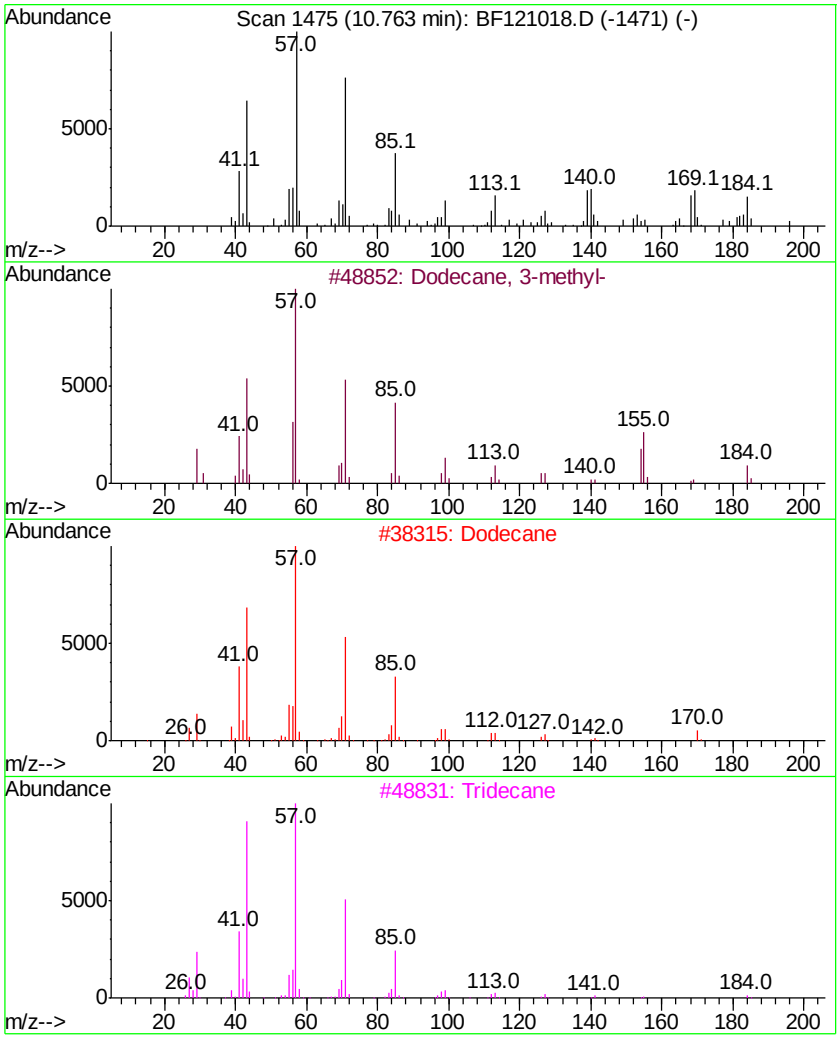
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

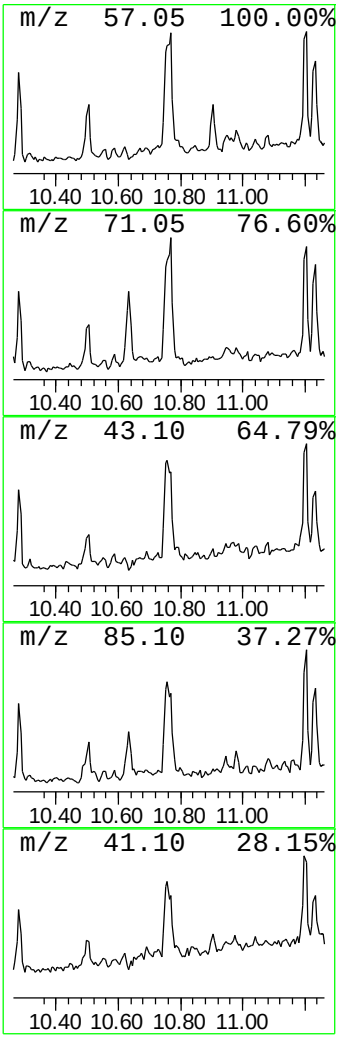
****

Peak Number 2 Dodecane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	2.59 ng	143028	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	70
2	Dodecane	170	C12H26	000112-40-3	64
3	Tridecane	184	C13H28	000629-50-5	58
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	58
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121018.D
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Operator : JU/CG
Sample : L3383-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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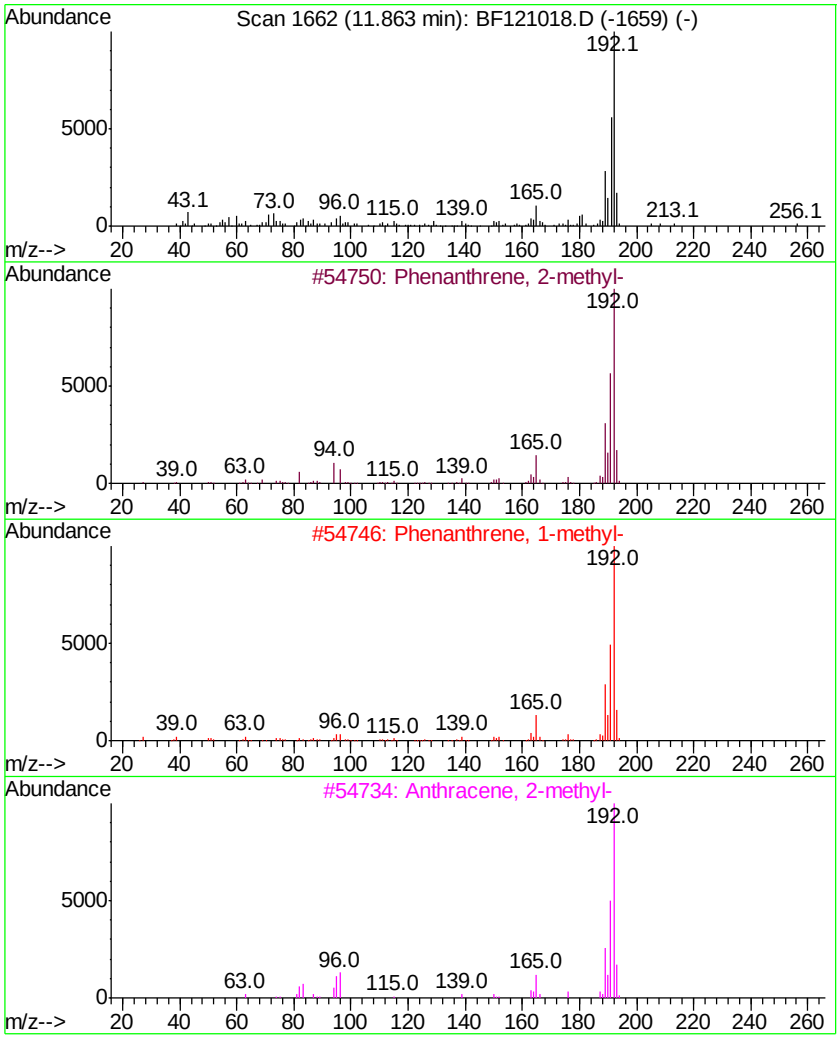
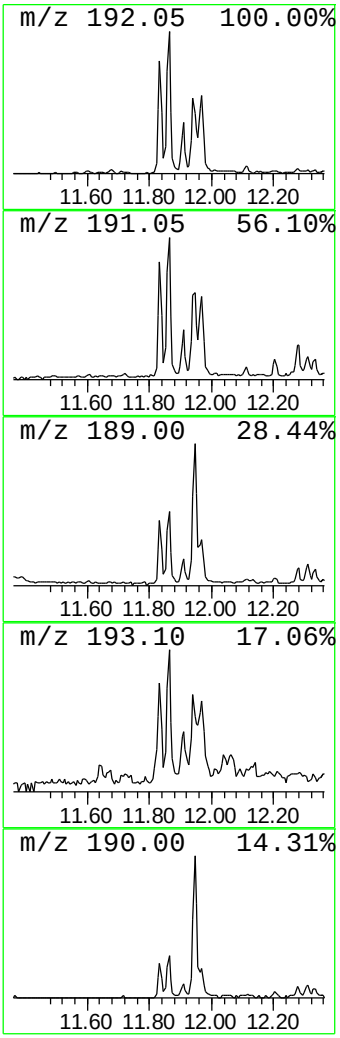
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.33 ng	128653	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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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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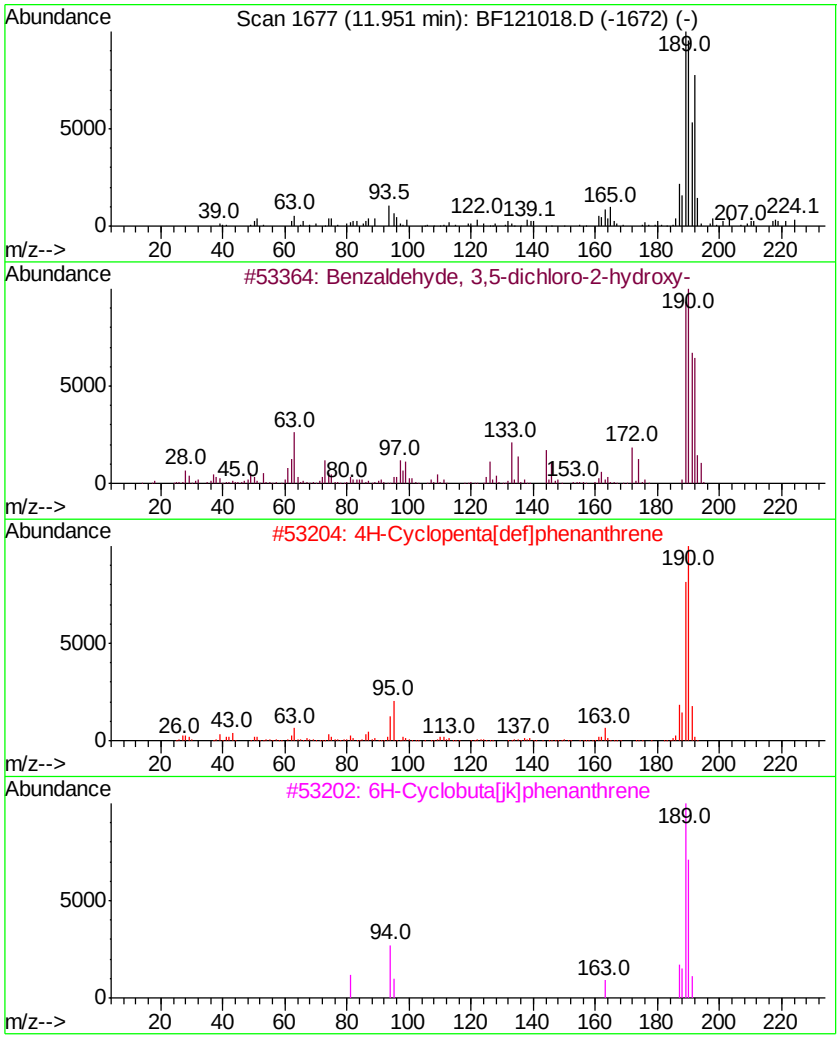
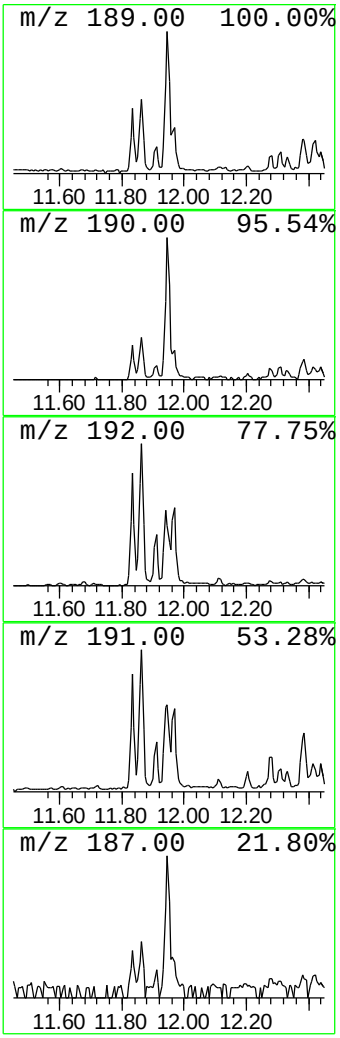
Peak Number 4 Benzaldehyde, 3,5-dichloro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.24 ng	123604	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	30





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Instrument : BNA_F
ClientSampleId : CRT-022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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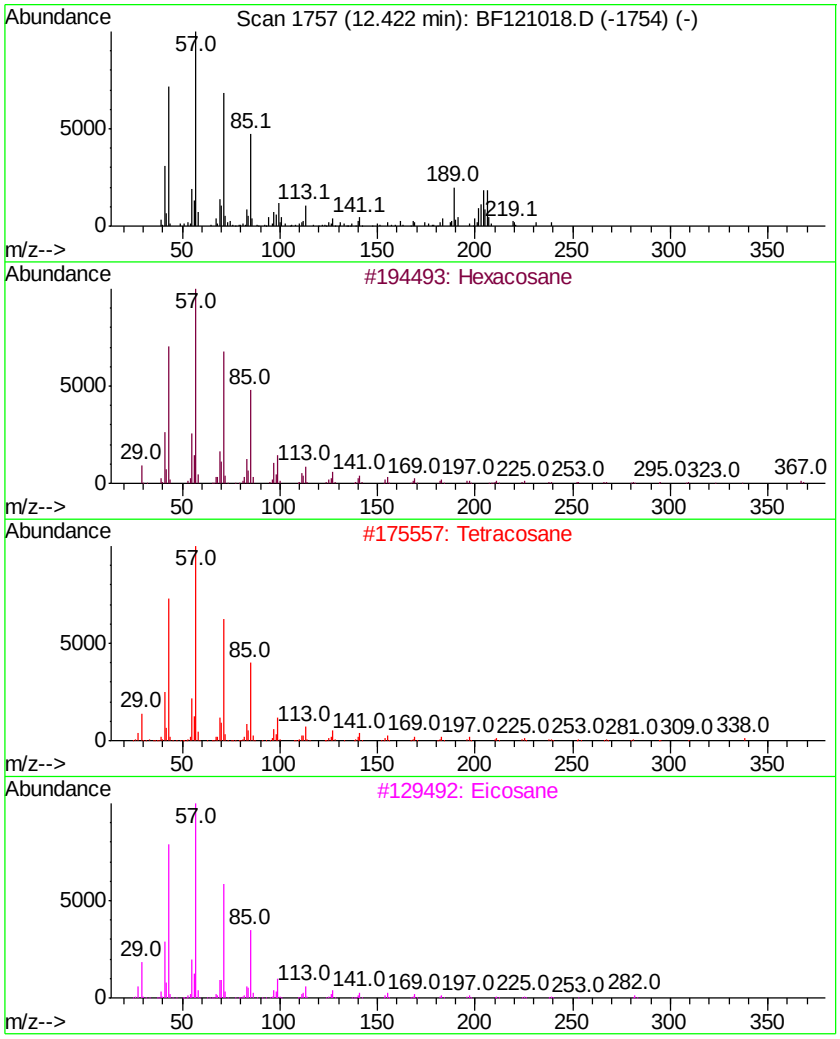
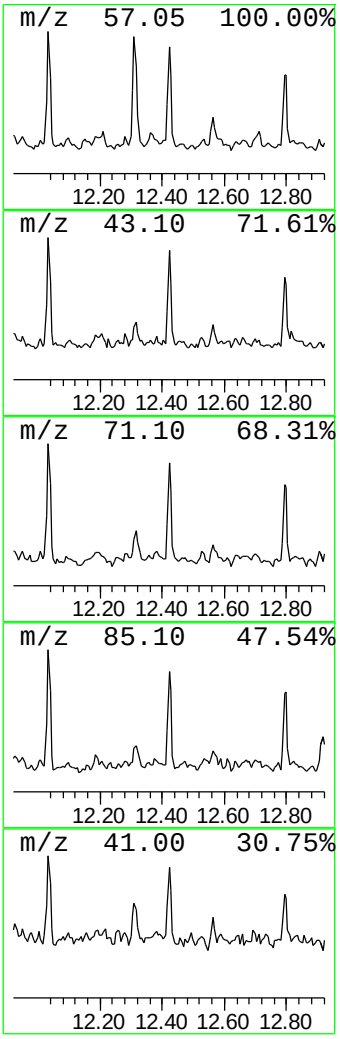
Peak Number 5 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	2.37 ng	130633	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	58
2	Tetracosane	338	C24H50	000646-31-1	58
3	Eicosane	282	C20H42	000112-95-8	58
4	Heptadecane	240	C17H36	000629-78-7	52
5	Tetradecane	198	C14H30	000629-59-4	52





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Misc :
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Instrument : BNA_F
ClientSampleId : CRT-022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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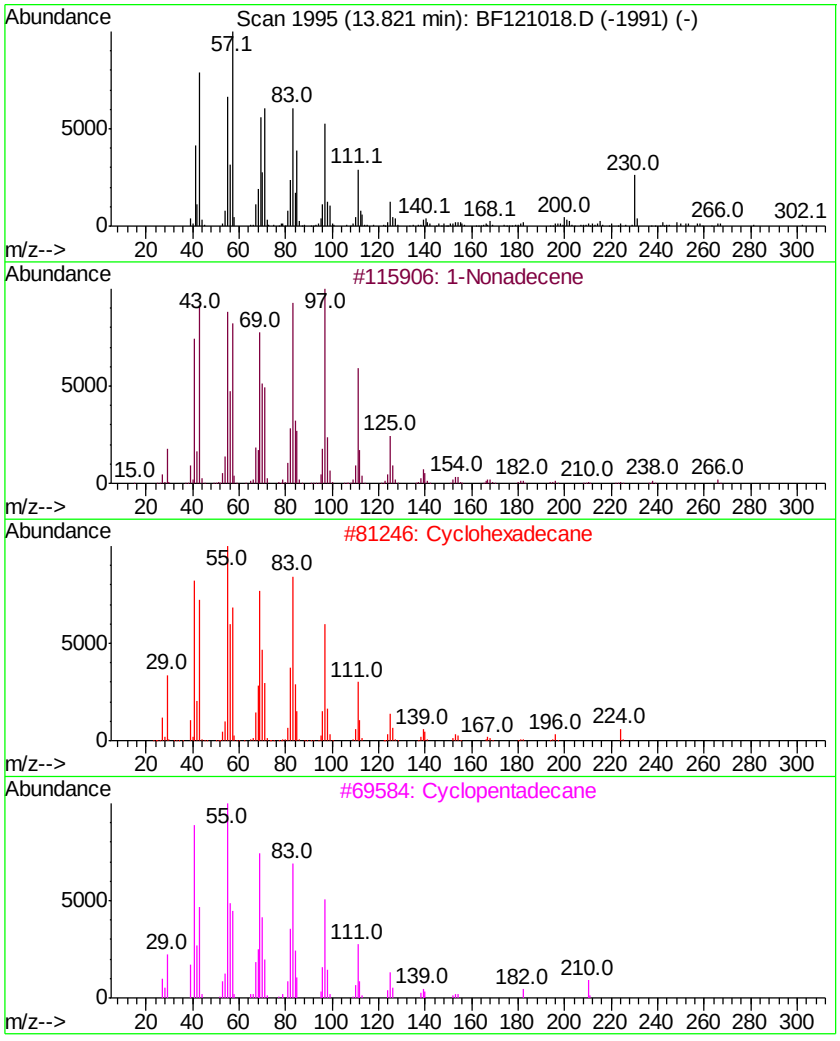
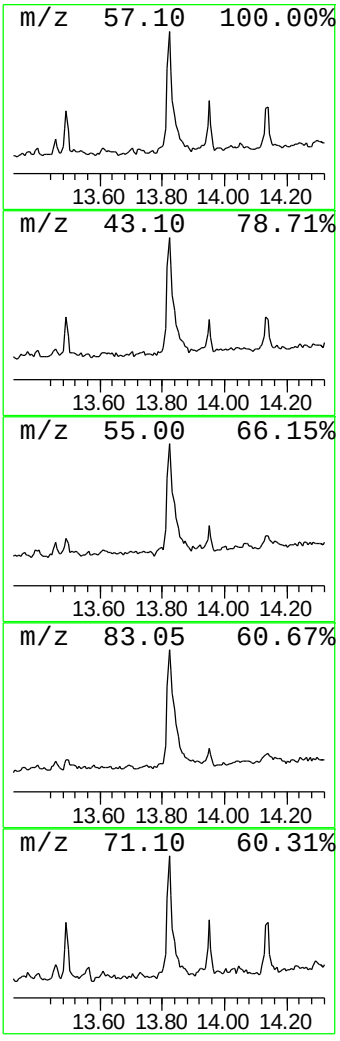
Peak Number 6 1-Nonadecene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	5.95 ng	458000	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	Cyclohexadecane	224	C16H32	000295-65-8	95
3	Cyclopentadecane	210	C15H30	000295-48-7	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	90





Library Search Compound Report

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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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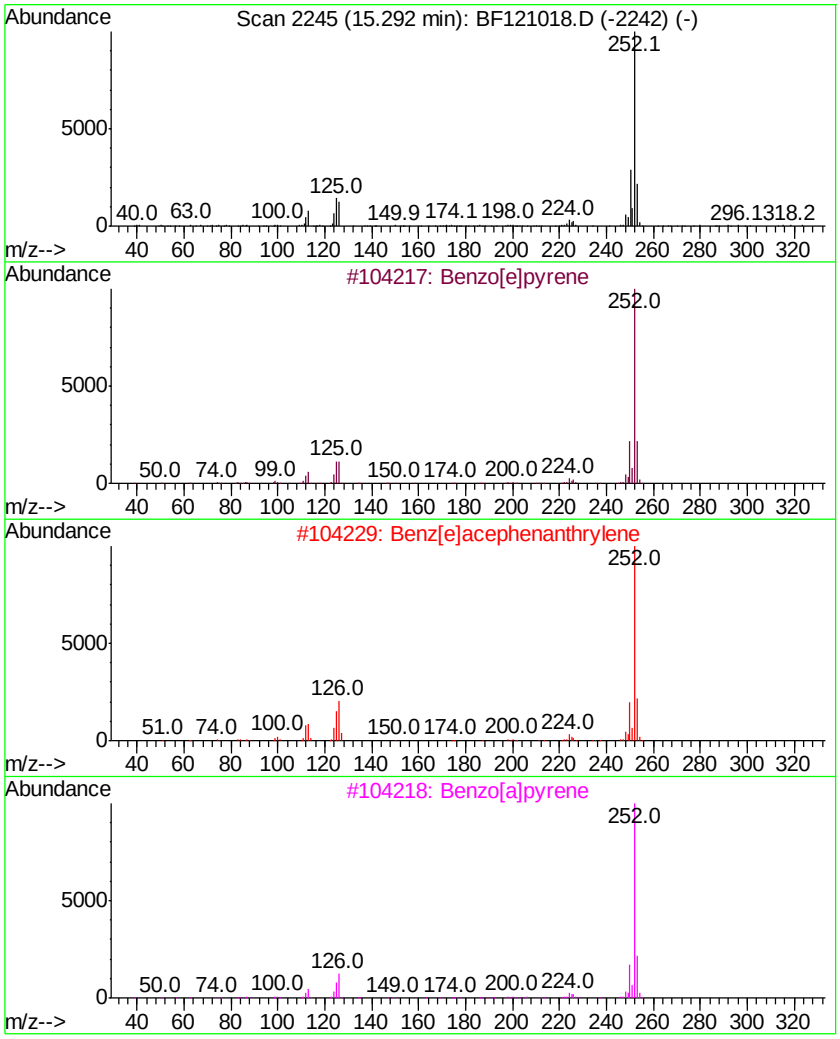
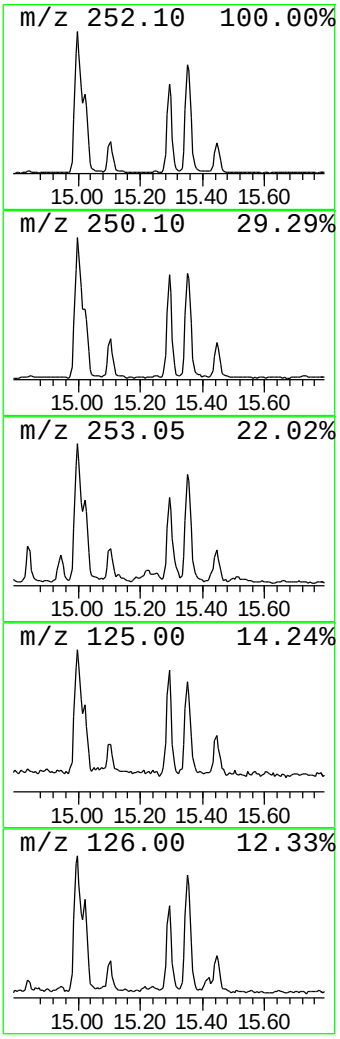
Peak Number 7 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	5.15 ng	277926	Perylene-d12	15.42

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	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Perylene	252	C20H12	000198-55-0	91





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Data File : BF121018.D
Acq On : 24 Jul 2020 22:52
Operator : JU/CG
Sample : L3383-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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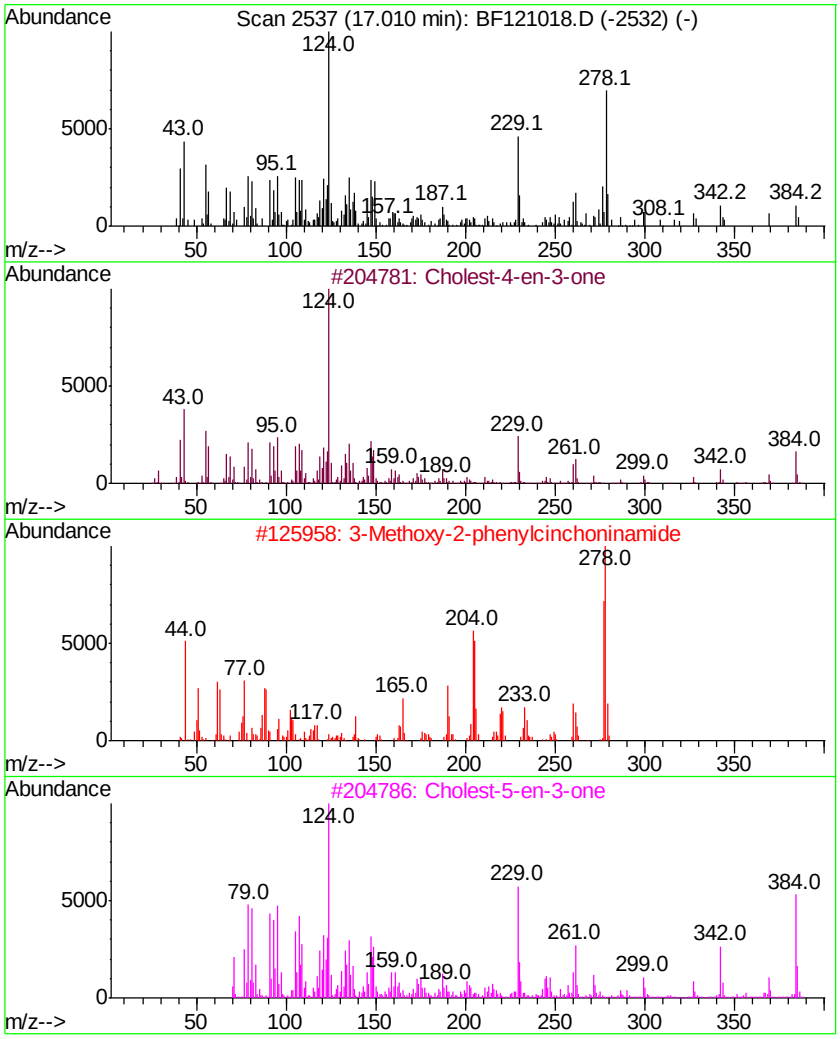
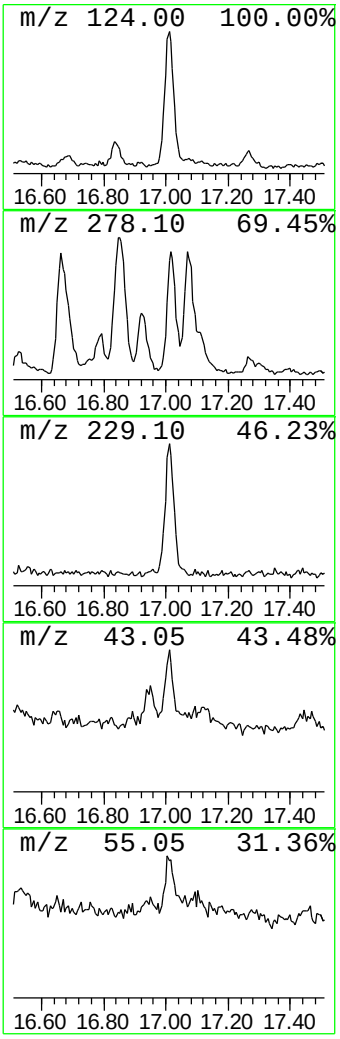
Peak Number 8 Cholest-4-en-3-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	5.79 ng	312613	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholest-4-en-3-one	384	C27H44O	000601-57-0	97
2	3-Methoxy-2-phenylcinchoninamide	278	C17H14N2O2	1000252-14-6	90
3	Cholest-5-en-3-one	384	C27H44O	000601-54-7	70
4	4-Methoxyphenyl undecyl ether	278	C18H30O2	1000323-10-6	49
5	Isonicotinic acid, 3-tetradecyl ...	319	C20H33NO2	1000299-89-8	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072420\
Data File : BF121018.D
Acq On : 24 Jul 2020 22:52
Operator : JU/CG
Sample : L3383-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CRT-022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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
Ethanol, 2-(2-eth...	6.65	2.0	ng	88036	1	6.82	872274	20.0
Dodecane, 3-methyl-	10.76	2.6	ng	143028	4	11.33	1104620	20.0
Phenanthrene, 2-m...	11.86	2.3	ng	128653	4	11.33	1104620	20.0
Benzaldehyde, 3,5...	11.95	2.2	ng	123604	4	11.33	1104620	20.0
Hexacosane	12.42	2.4	ng	130633	4	11.33	1104620	20.0
1-Nonadecene	13.82	6.0	ng	458000	5	13.97	1538880	20.0
Benzo[e]pyrene	15.29	5.2	ng	277926	6	15.42	1079870	20.0
Cholest-4-en-3-one	17.01	5.8	ng	312613	6	15.42	1079870	20.0