LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096023.D
Acq On : 20 Jun 2017 2:29
Operator : SJ/MA
Sample : I3688-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G20-1.5-3

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:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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	1.563	10	13	33	rBV	193296	345913	15.90%	1.205%
2	4.498	508	512	530	rBV	57241	185039	8.51%	0.645%
3	5.193	626	630	659	rBV	897557	1887549	86.76%	6.578%
4	5.440	668	672	680	rVB3	38354	66245	3.05%	0.231%
5	6.881	913	917	927	rBV	1063739	1702327	78.25%	5.932%
6	6.963	927	931	941	rVV	1323815	2175477	100.00%	7.581%
7	7.034	941	943	947	rVB2	45569	55642	2.56%	0.194%
8	7.110	953	956	962	rVB	34523	41596	1.91%	0.145%
9	7.304	985	989	1000	rBV	304115	424716	19.52%	1.480%
10	7.404	1000	1006	1010	rVB4	36367	54576	2.51%	0.190%
11	7.539	1024	1029	1050	rVB	1162736	1606203	73.83%	5.597%
12	8.228	1142	1146	1163	rBV	785949	1139328	52.37%	3.970%
13	8.351	1163	1167	1174	rVB3	46326	68267	3.14%	0.238%
14	9.333	1330	1334	1338	rBV	407166	523705	24.07%	1.825%
15	9.369	1338	1340	1347	rVV	123242	199797	9.18%	0.696%
16	9.433	1347	1351	1356	rVB	60401	75569	3.47%	0.263%
17	9.563	1366	1373	1378	rVB2	33357	46273	2.13%	0.161%
18	10.145	1466	1472	1476	rBV	56756	78195	3.59%	0.273%
19	10.422	1514	1519	1528	rVB	65743	79050	3.63%	0.275%
20	10.504	1529	1533	1541	rVV	154091	210032	9.65%	0.732%
21	10.651	1552	1558	1565	rBV	102146	146678	6.74%	0.511%
22	11.116	1631	1637	1649	rVB	1684371	2167739	99.64%	7.554%
23	11.275	1660	1664	1670	rVV	37433	49594	2.28%	0.173%
24	11.339	1670	1675	1682	rVB	65099	81298	3.74%	0.283%
25	11.416	1684	1688	1693	rBV3	26067	41971	1.93%	0.146%
26	11.522	1702	1706	1708	rBV3	46972	65963	3.03%	0.230%
27	11.633	1722	1725	1730	rVV	82995	123160	5.66%	0.429%
28	11.680	1730	1733	1737	rVB	76772	94552	4.35%	0.330%
29	11.816	1751	1756	1761	rBV	398055	543046	24.96%	1.892%
30	11.857	1761	1763	1767	rVB	53685	59240	2.72%	0.206%
31	11.933	1772	1776	1785	rVV2	96484	156811	7.21%	0.546%
32	12.157	1809	1814	1818	rBV2	412240	536643	24.67%	1.870%
33	12.198	1818	1821	1831	rVB4	91801	158403	7.28%	0.552%
34	12.374	1845	1851	1857	rBV2	21609	45806	2.11%	0.160%

LSC Area Percent Report

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Acq On : 20 Jun 2017 2:29
Operator : SJ/MA
Sample : I3688-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G20-1.5-3

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:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.504	1870	1873	1882	rBV2	81979	144093	6.62%	0.502%
36	12.592	1882	1888	1893	rBV2	34323	56620	2.60%	0.197%
37	12.710	1904	1908	1913	rVB3	39158	65943	3.03%	0.230%
38	12.757	1913	1916	1921	rBV	31472	36980	1.70%	0.129%
39	12.851	1927	1932	1935	rBV2	33669	49614	2.28%	0.173%
40	13.016	1952	1960	1963	rBV	96332	137822	6.34%	0.480%
41	13.057	1963	1967	1975	rVB4	56699	99639	4.58%	0.347%
42	13.327	2008	2013	2016	rBV4	40834	64606	2.97%	0.225%
43	13.368	2017	2020	2025	rVB3	38854	56159	2.58%	0.196%
44	13.451	2029	2034	2044	rBV2	626977	959978	44.13%	3.345%
45	13.786	2086	2091	2092	rBV	107527	138679	6.37%	0.483%
46	13.804	2092	2094	2098	rVB2	112854	133184	6.12%	0.464%
47	14.180	2153	2158	2162	rBV6	28065	51486	2.37%	0.179%
48	14.239	2162	2168	2172	rVV7	27104	58916	2.71%	0.205%
49	14.286	2172	2176	2182	rVV	60952	94686	4.35%	0.330%
50	14.357	2184	2188	2190	rVV2	25856	38242	1.76%	0.133%
51	14.386	2190	2193	2198	rVB2	35042	46927	2.16%	0.164%
52	14.515	2210	2215	2217	rBV	83586	97564	4.48%	0.340%
53	14.551	2217	2221	2224	rVV	358026	450365	20.70%	1.569%
54	14.586	2224	2227	2234	rVB	258534	355196	16.33%	1.238%
55	14.680	2239	2243	2251	rVB	108711	161098	7.41%	0.561%
56	14.780	2257	2260	2265	rBV4	27677	48170	2.21%	0.168%
57	14.998	2293	2297	2304	rBV2	48980	96426	4.43%	0.336%
58	15.092	2309	2313	2317	rBV2	41045	59066	2.72%	0.206%
59	15.198	2327	2331	2334	rBV	75041	89798	4.13%	0.313%
60	15.357	2354	2358	2362	rBV2	80118	99519	4.57%	0.347%
61	15.404	2362	2366	2371	rVV	96359	118518	5.45%	0.413%
62	15.515	2381	2385	2389	rBV2	75349	91858	4.22%	0.320%
63	15.586	2389	2397	2404	rVB3	201372	347721	15.98%	1.212%
64	15.810	2431	2435	2439	rBV2	119200	158661	7.29%	0.553%
65	15.886	2445	2448	2461	rBV2	47067	93221	4.29%	0.325%
66	16.027	2468	2472	2477	rBV6	31959	53572	2.46%	0.187%
67	16.074	2477	2480	2484	rBV3	43455	54167	2.49%	0.189%
68	16.174	2493	2497	2500	rBV	91381	124292	5.71%	0.433%
69	16.215	2500	2504	2508	rVV4	37891	62546	2.88%	0.218%
70	16.298	2513	2518	2524	rBV2	97435	175055	8.05%	0.610%
71	16.374	2525	2531	2537	rBV	519830	686692	31.57%	2.393%

LSC Area Percent Report

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Sample : I3688-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G20-1.5-3

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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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.421	2537	2539	2544	rVB	46172	48637	2.24%	0.169%
73	16.480	2546	2549	2551	rBV2	33721	43903	2.02%	0.153%
74	16.680	2579	2583	2589	rVB	632567	745312	34.26%	2.597%
75	16.827	2604	2608	2612	rBV	265352	302965	13.93%	1.056%
76	16.933	2621	2626	2633	rVB	1168519	1412725	64.94%	4.923%
77	17.009	2636	2639	2645	rVV3	42899	65519	3.01%	0.228%
78	17.127	2654	2659	2661	rBV4	56993	98010	4.51%	0.342%
79	17.286	2683	2686	2692	rBV3	103774	168860	7.76%	0.588%
80	17.339	2693	2695	2699	rVB	52977	49001	2.25%	0.171%
81	17.404	2703	2706	2709	rVB	57549	64649	2.97%	0.225%
82	17.845	2779	2781	2786	rVB	83567	88841	4.08%	0.310%
83	17.956	2797	2800	2802	rBV2	63863	62074	2.85%	0.216%
84	17.986	2802	2805	2808	rVB2	77291	81648	3.75%	0.285%
85	18.021	2808	2811	2815	rBV	50047	59394	2.73%	0.207%
86	18.127	2826	2829	2835	rVB2	115346	136812	6.29%	0.477%
87	18.198	2838	2841	2849	rVB6	75185	139508	6.41%	0.486%
88	18.274	2849	2854	2858	rBV2	551518	940478	43.23%	3.277%
89	18.315	2858	2861	2865	rVB	256873	306801	14.10%	1.069%
90	18.792	2939	2942	2945	rVB	74275	79292	3.64%	0.276%
91	18.939	2964	2967	2969	rBV3	81595	84498	3.88%	0.294%
92	19.321	3028	3032	3036	rVB	239567	245785	11.30%	0.857%
93	19.421	3046	3049	3060	rVB	345293	414991	19.08%	1.446%
94	19.550	3067	3071	3074	rBV	498557	665561	30.59%	2.319%
95	19.662	3088	3090	3093	rVB2	74653	66789	3.07%	0.233%
96	19.839	3117	3120	3126	rBV	302591	353440	16.25%	1.232%
97	19.897	3127	3130	3136	rBV	249366	282499	12.99%	0.984%
98	19.956	3136	3140	3143	rBV	248103	288833	13.28%	1.007%
99	21.115	3334	3337	3344	rVB2	148787	255404	11.74%	0.890%
100	21.450	3390	3394	3406	rVB	112897	249452	11.47%	0.869%

Sum of corrected areas: 28695163

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096023.D
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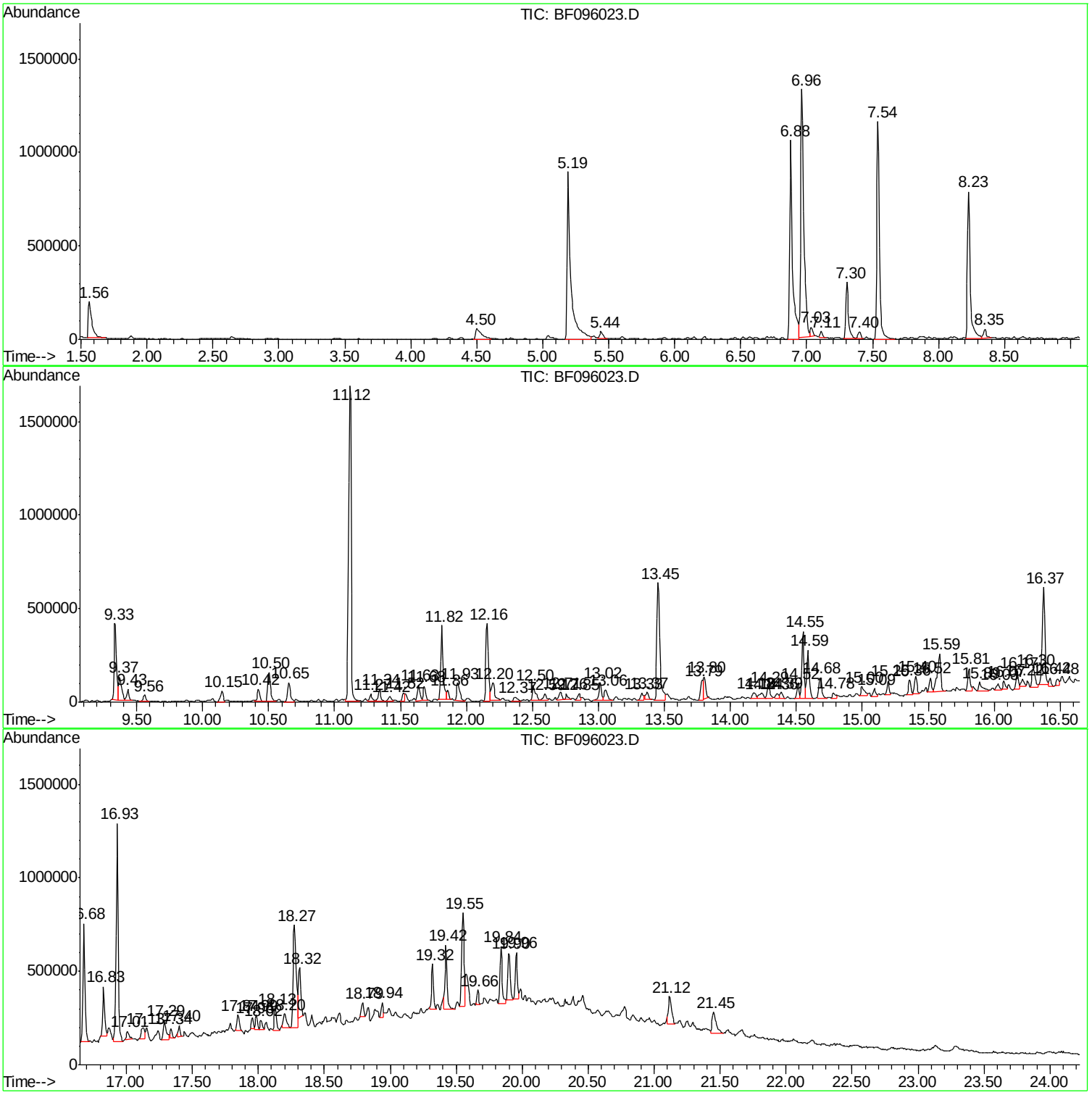
Operator : SJ/MA
Sample : I3688-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G20-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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Data File : BF096023.D
Acq On : 20 Jun 2017 2:29
Operator : SJ/MA
Sample : I3688-06
Misc :
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Instrument : BNA_F
ClientSampleId : G20-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

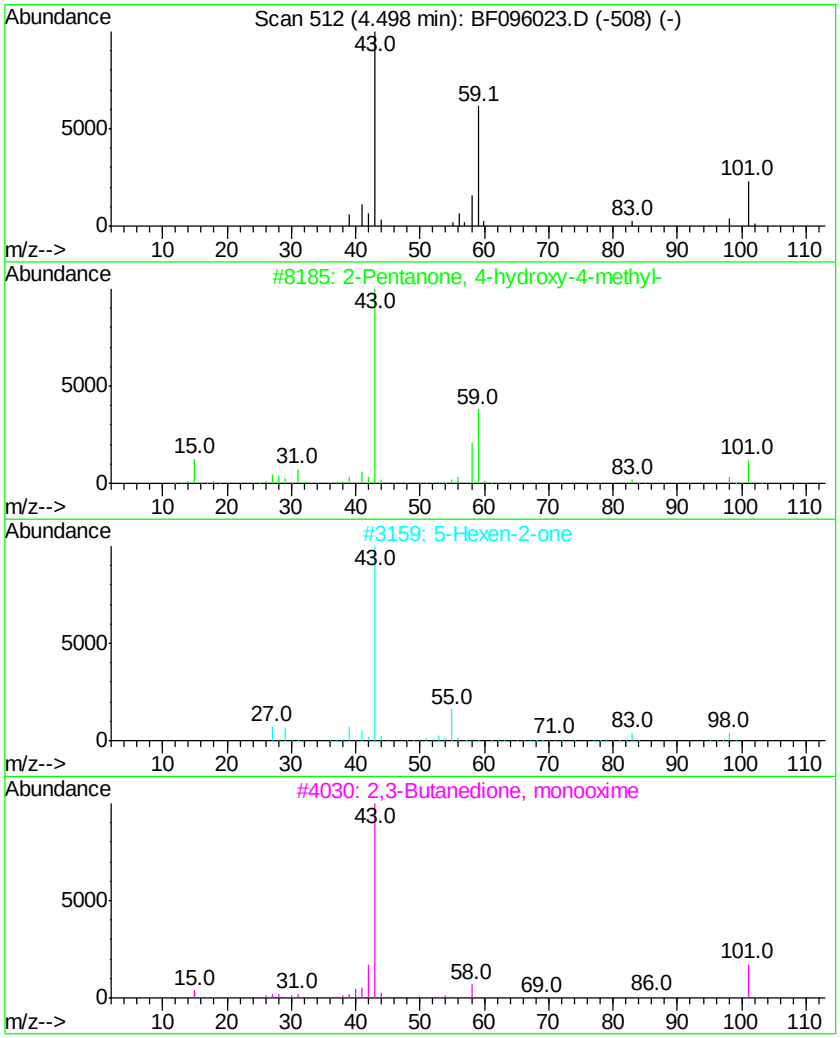
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

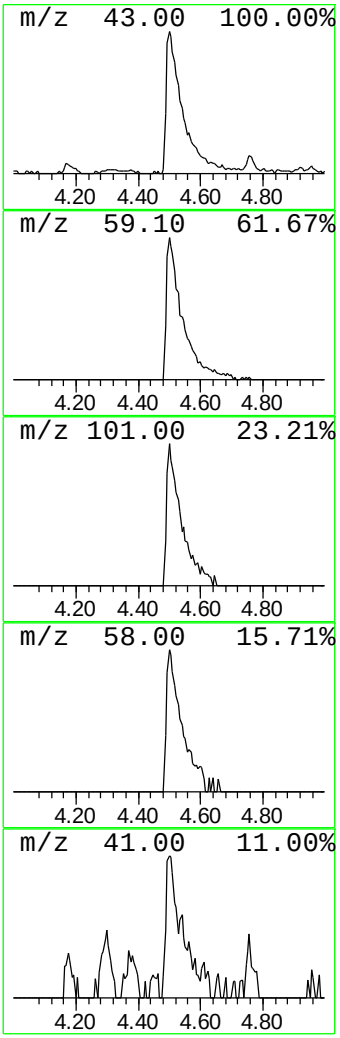
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.50	8.71 ng	185039	1,4-Dichlorobenzene-d4	7.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096023.D
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Operator : SJ/MA
Sample : I3688-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G20-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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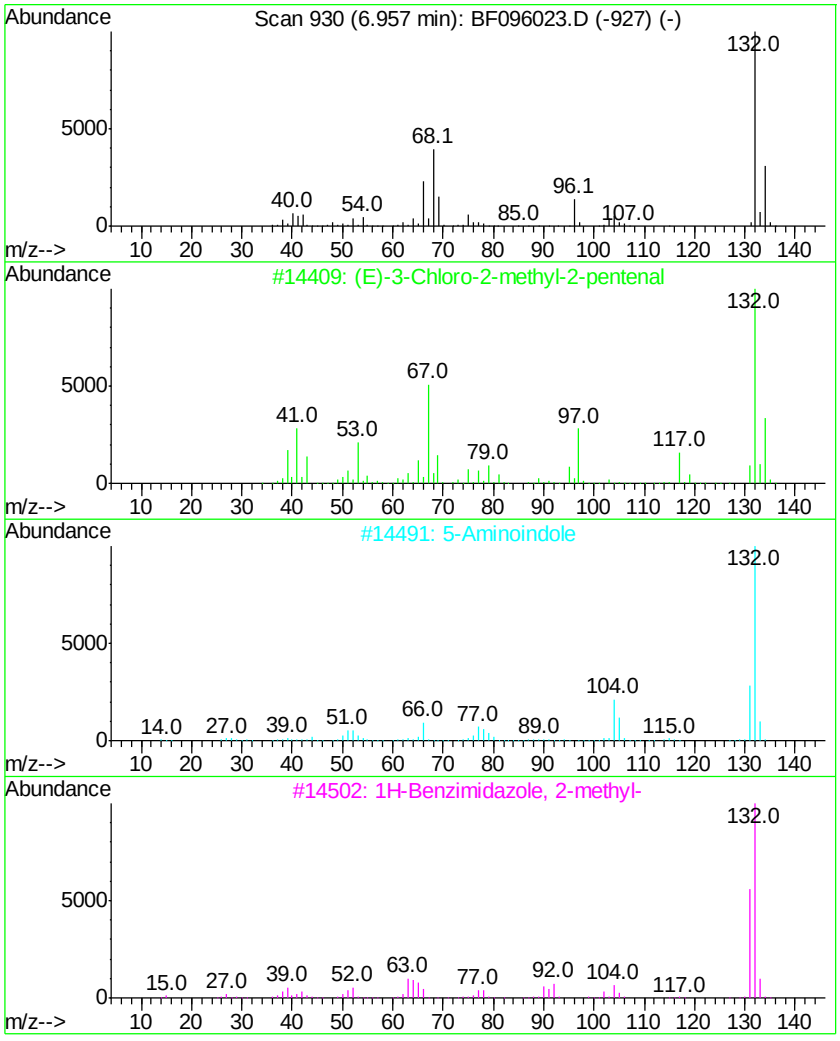
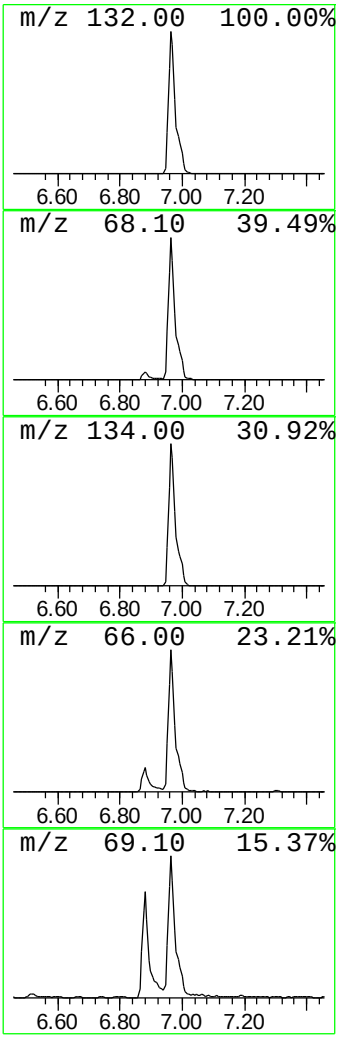
****

Peak Number 3 unknown6.96 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	102.44 ng	2175480	1,4-Dichlorobenzene-d4	7.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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TIC Library : C:\DATABASE\NIST11.L
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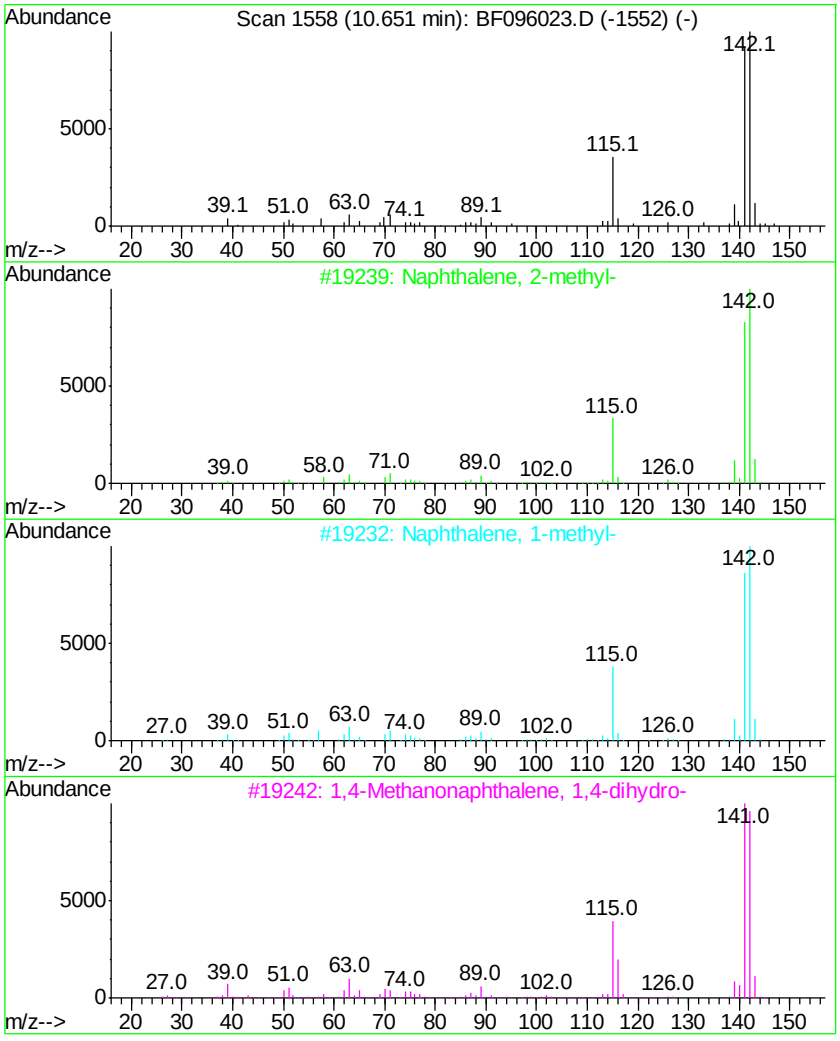
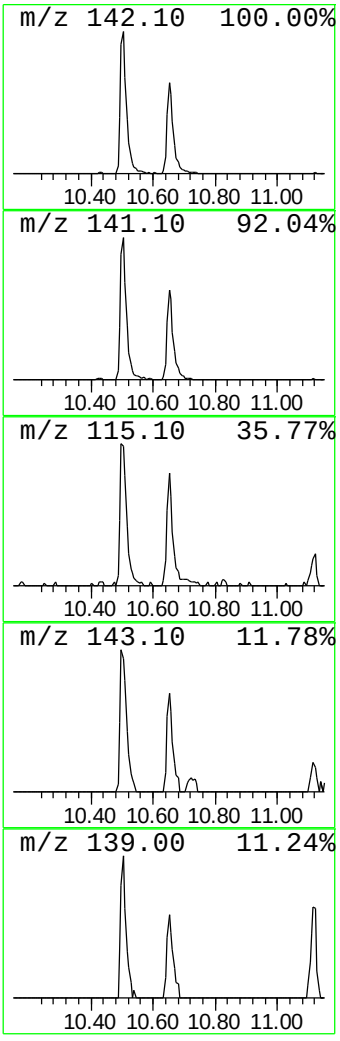
****

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	5.60 ng	146678	Naphthalene-d8	9.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	87





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G20-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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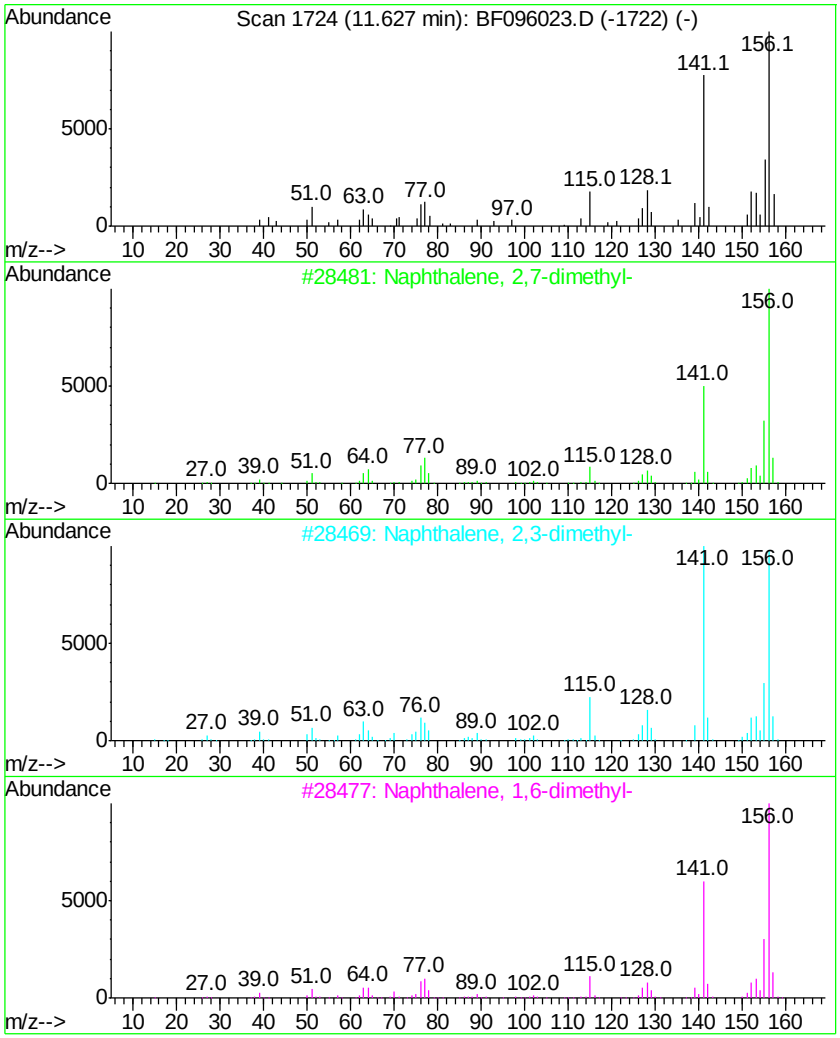
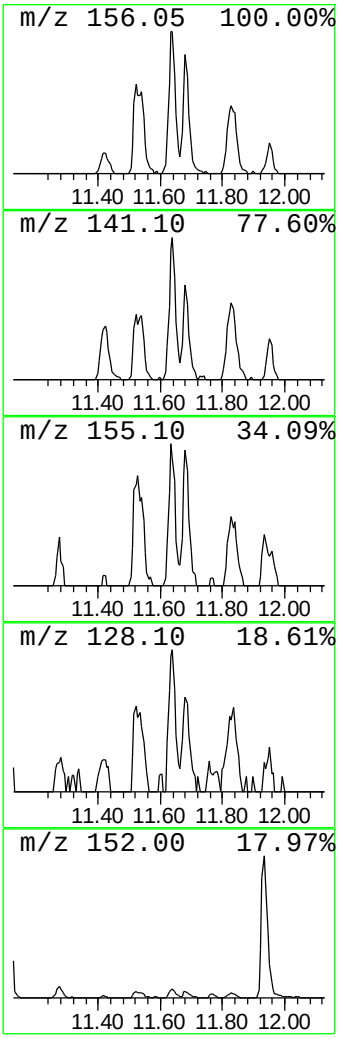
Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	4.59 ng	123160	Acenaphthene-d10	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096023.D
Acq On : 20 Jun 2017 2:29
Operator : SJ/MA
Sample : I3688-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G20-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

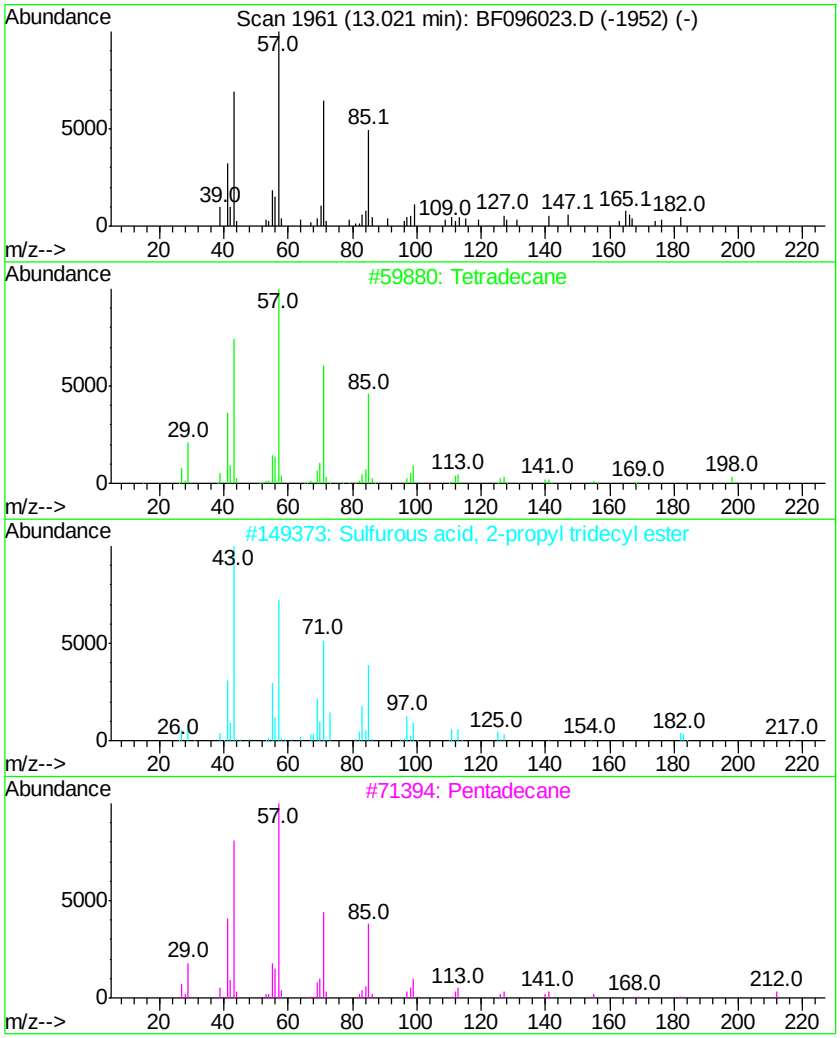
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

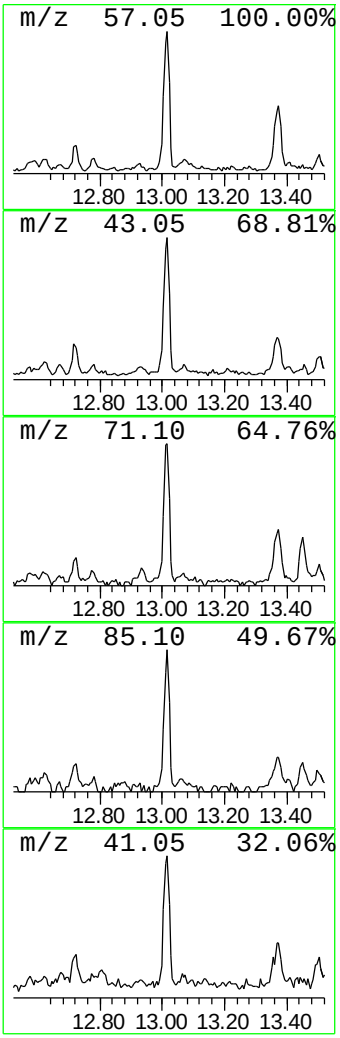
****

Peak Number 7 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	5.14 ng	137822	Acenaphthene-d10	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	86
5	Heptadecane	240	C17H36	000629-78-7	80





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Acq On : 20 Jun 2017 2:29
Operator : SJ/MA
Sample : I3688-06
Misc :
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Instrument : BNA_F
ClientSampleId : G20-1.5-3

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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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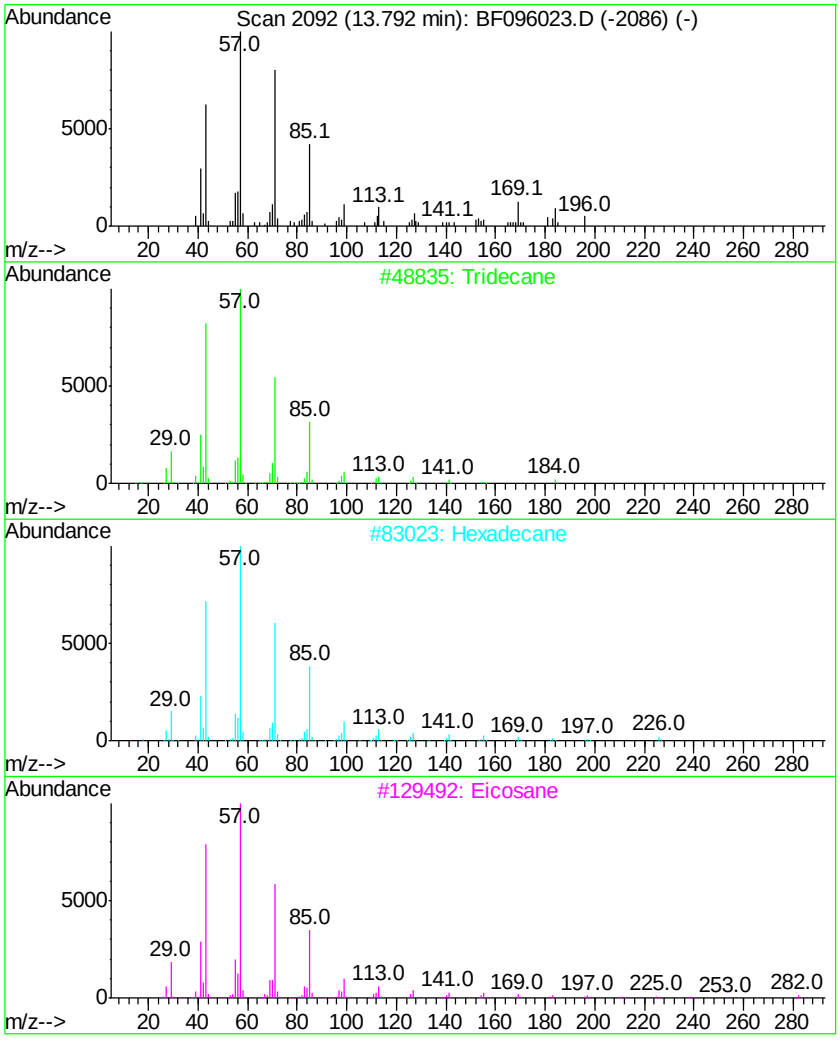
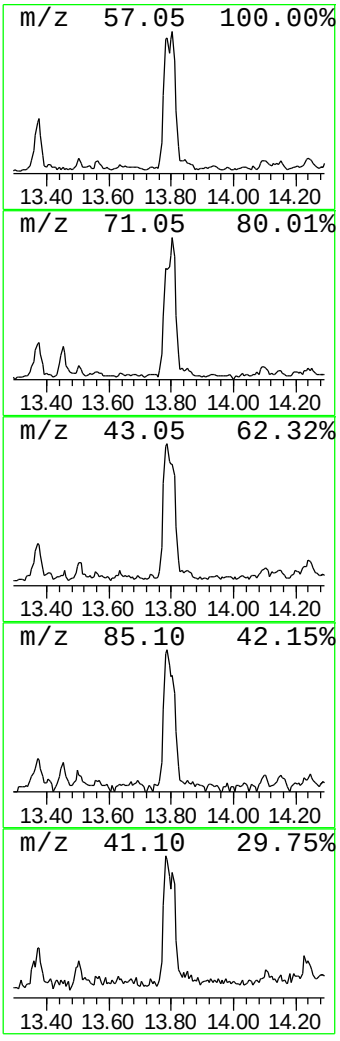
Peak Number 8 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	6.16 ng	138679	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane	226	C16H34	000544-76-3	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
5	Pentadecane	212	C15H32	000629-62-9	86





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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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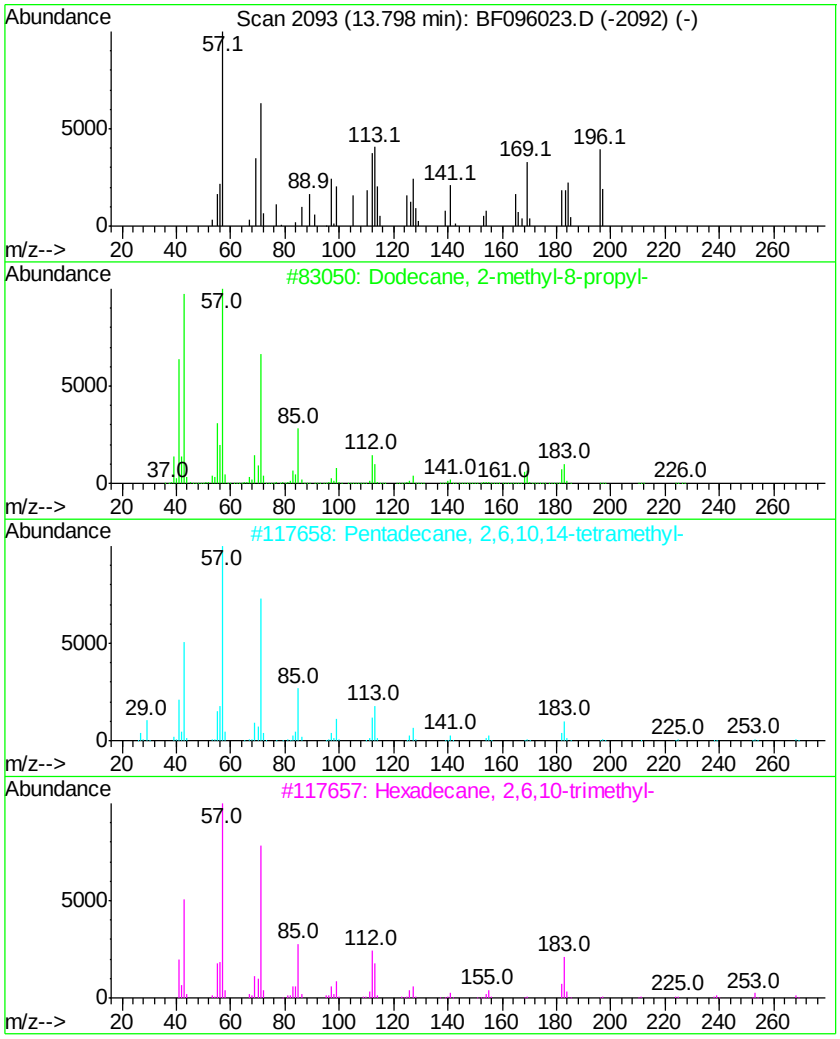
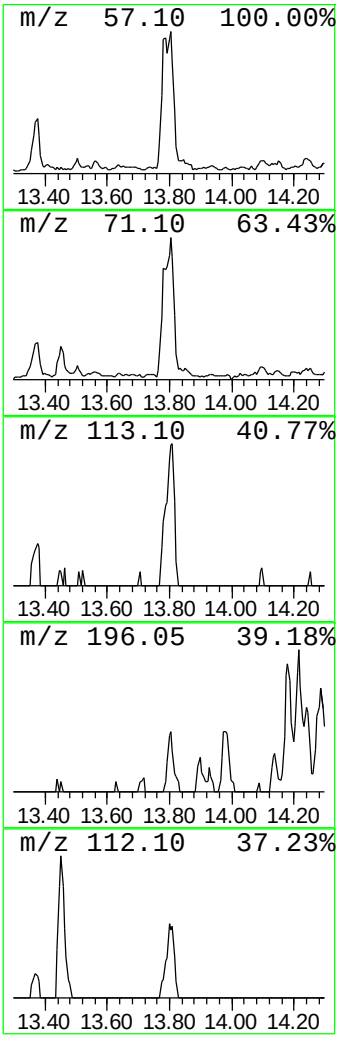
Peak Number 9 Dodecane, 2-methyl-8-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	5.91 ng	133184	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	59
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	42
3	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	40
4	Propane, 1-iodo-2,2-dimethyl-	198	C5H11I	015501-33-4	38
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	38





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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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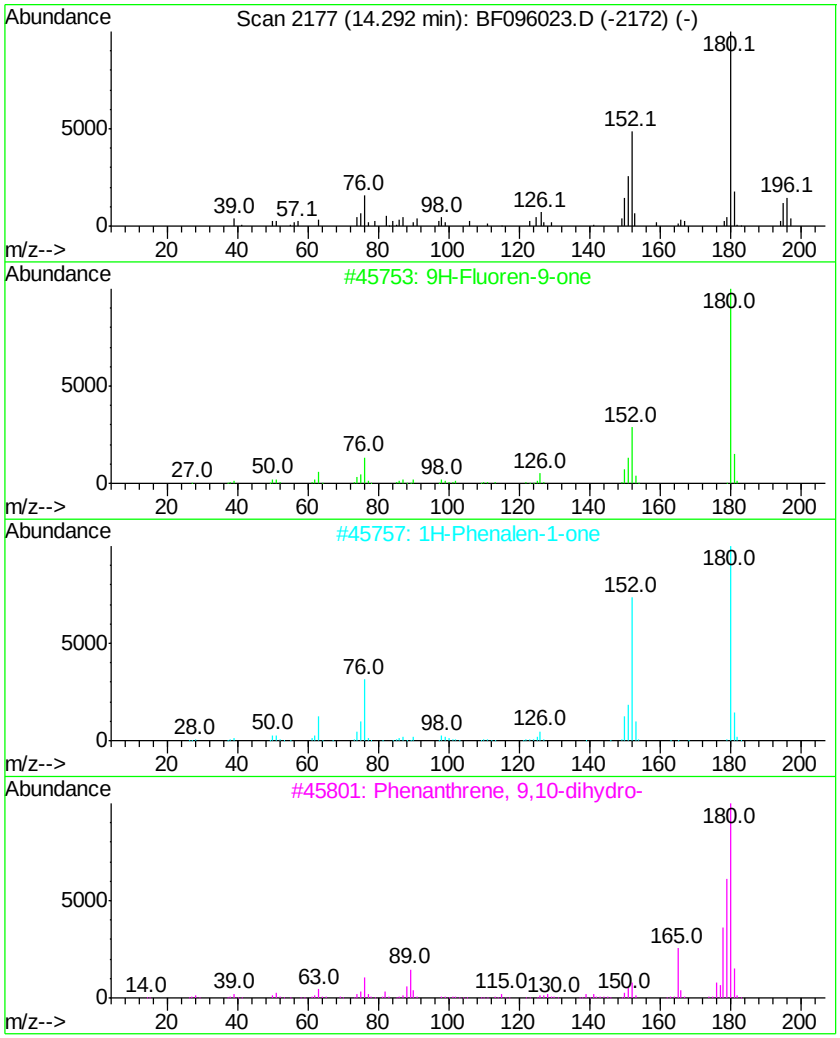
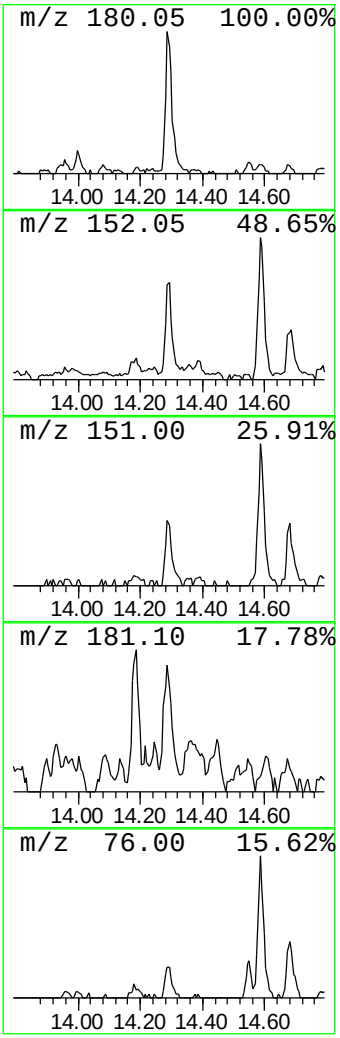
Peak Number 10 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	4.20 ng	94686	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	59
3	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	49
4	1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	47
5	1,3-Diazaphenanthrene	180	C12H8N2	000229-75-4	43





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ClientSampleId : G20-1.5-3

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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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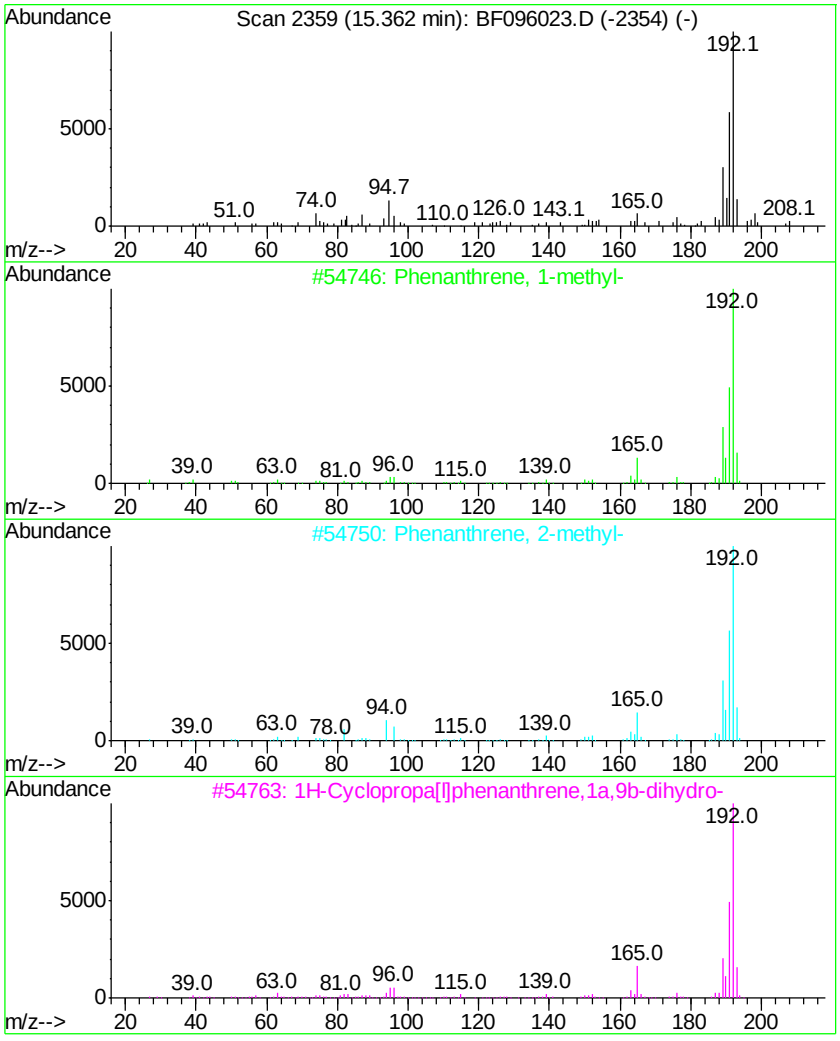
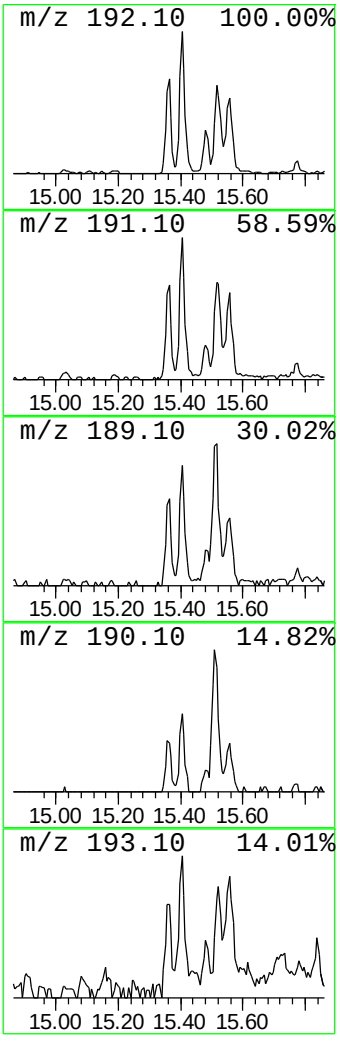
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	4.42 ng	99519	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	76
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	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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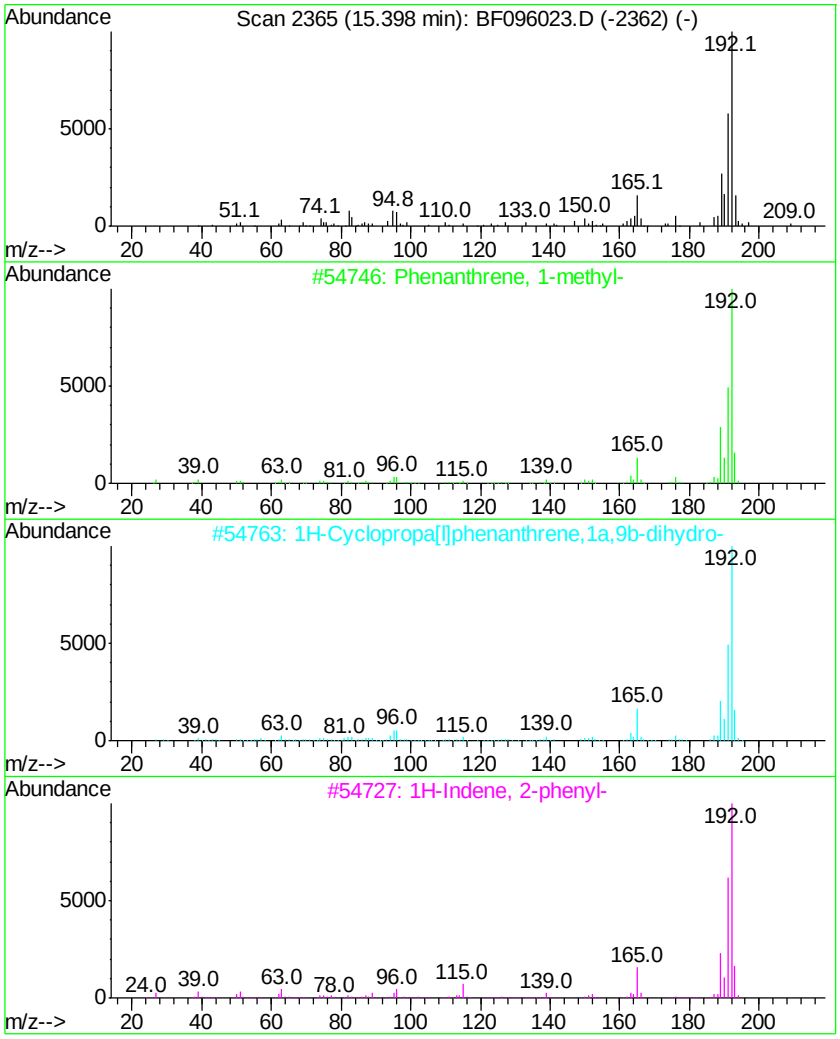
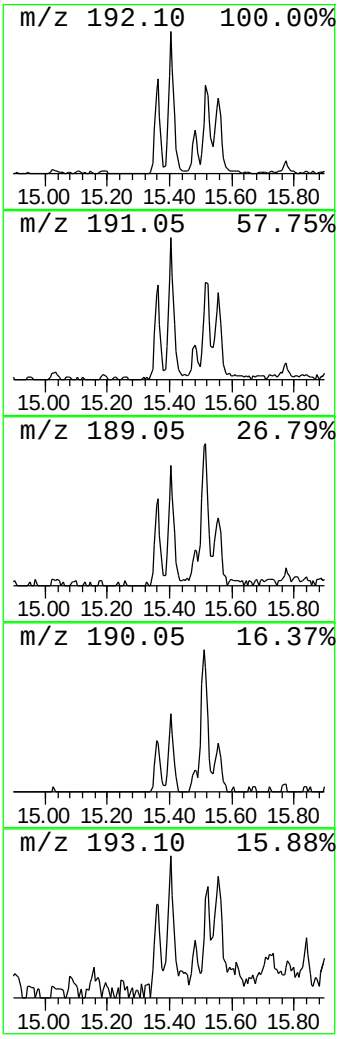
Peak Number 12 Anthracene, 9-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	5.26 ng	118518	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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

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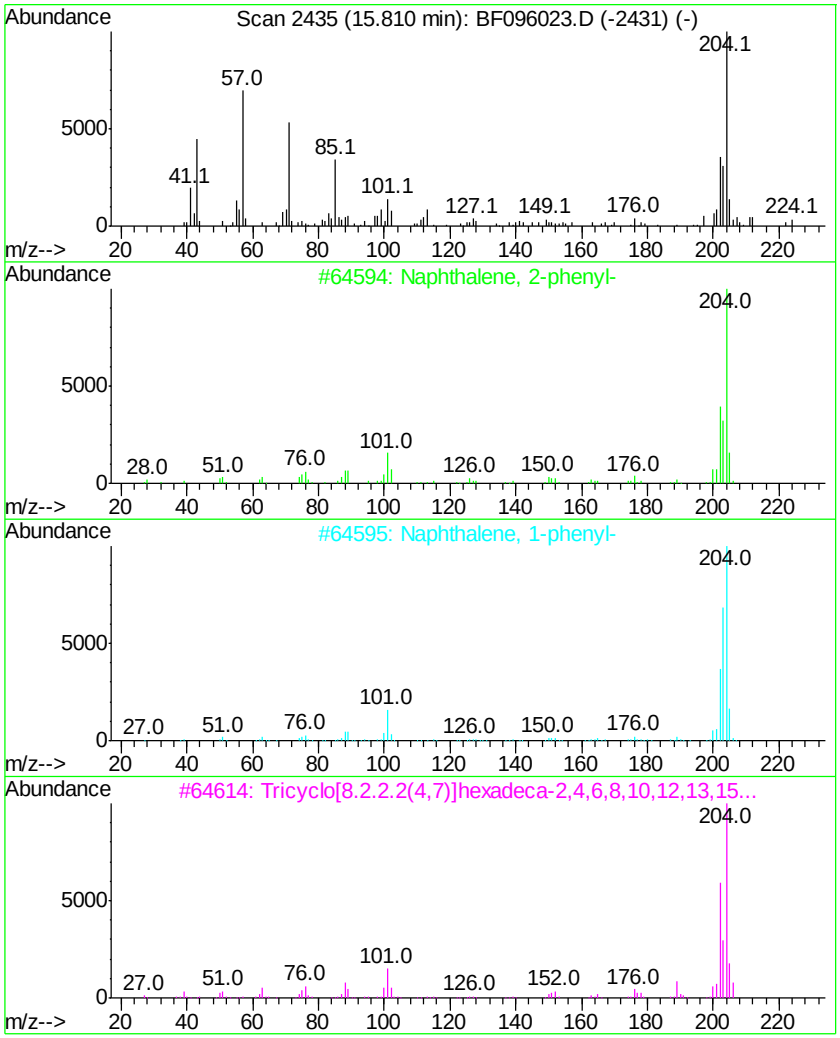
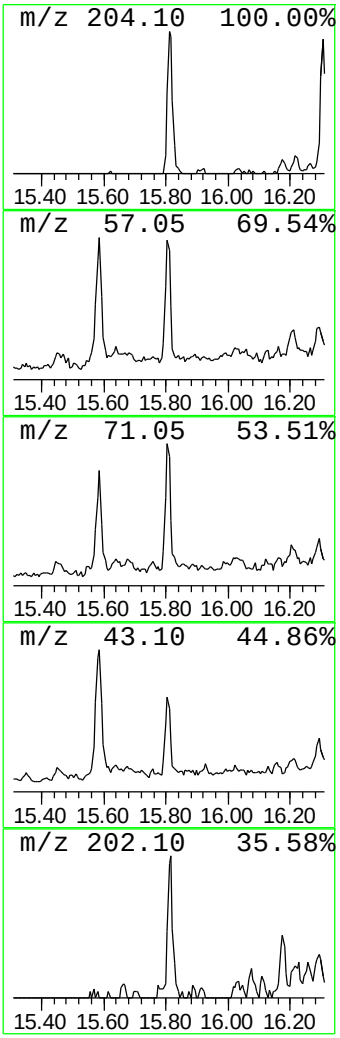
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	7.05 ng	158661	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	46
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	46
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	38
5	Quinoline, 6-methoxy-8-nitro-	204	C10H8N2O3	000085-81-4	35





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Instrument : BNA_F
ClientSampleId : G20-1.5-3

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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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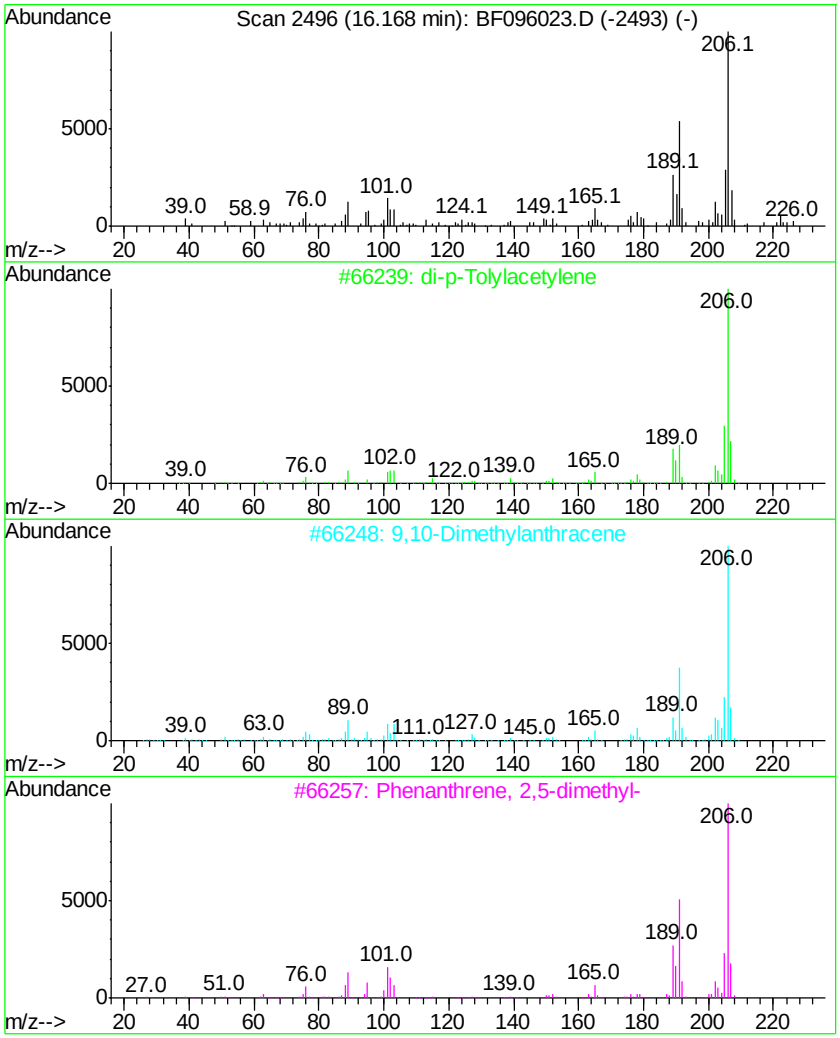
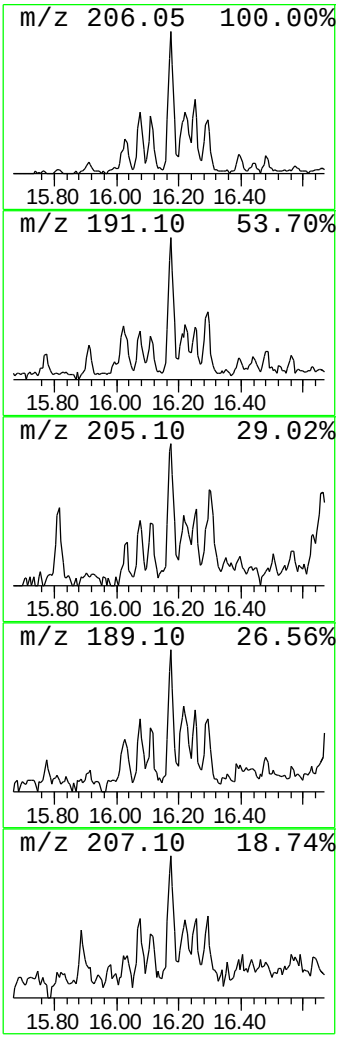
Peak Number 14 di-p-Tolylacetylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	5.52 ng	124292	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89





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

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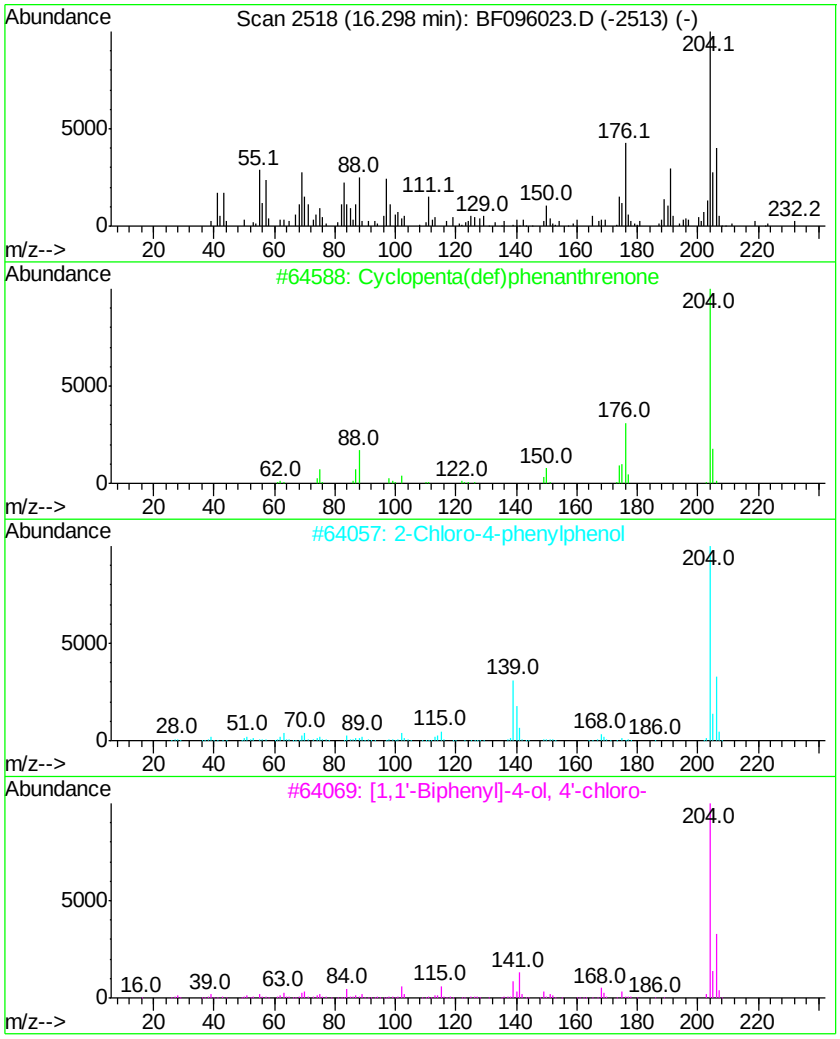
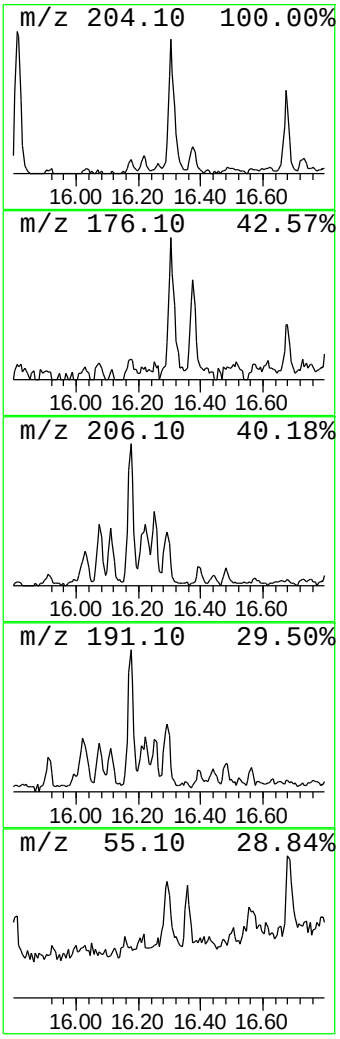
Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	7.77 ng	175055	Phenanthrene-d10	14.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	49
2	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
4	[1,1'-Biphenyl-4-ol], 2-chloro-	204	C12H9ClO	023719-22-4	38
5	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	38





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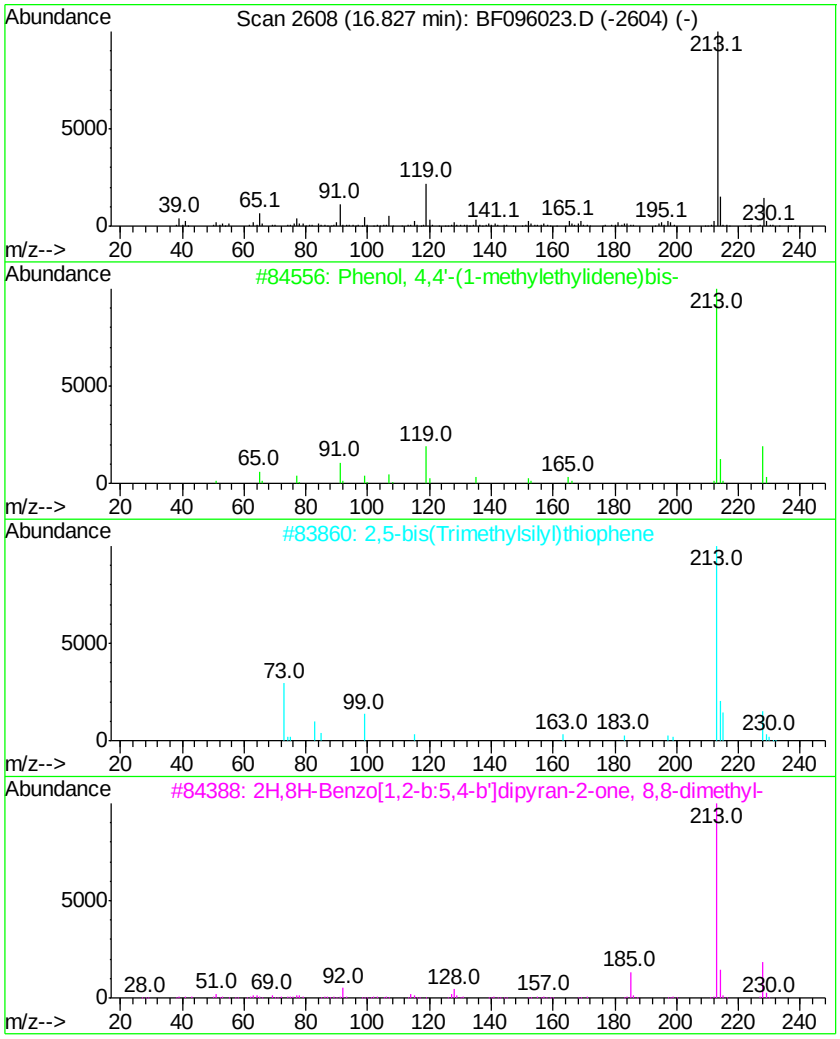
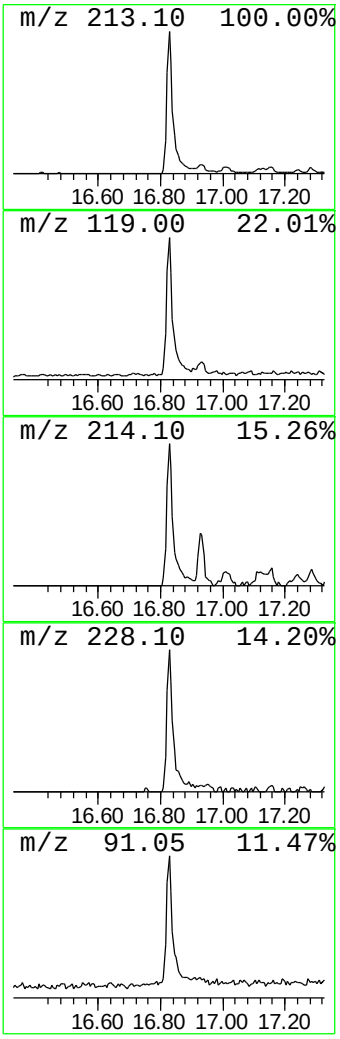
Peak Number 16 Phenol, 4,4'-(1-methylethyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	6.44 ng	302965	Chrysene-d12	18.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
2	2,5-bis(Trimethylsilyl)thiophene	228	C10H20SSi2	017906-71-7	58
3	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	53
4	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	53
5	2,4(1H,3H)-Pyrimidinedione, 1,3-...	228	C9H16N2O3Si	089447-84-7	42





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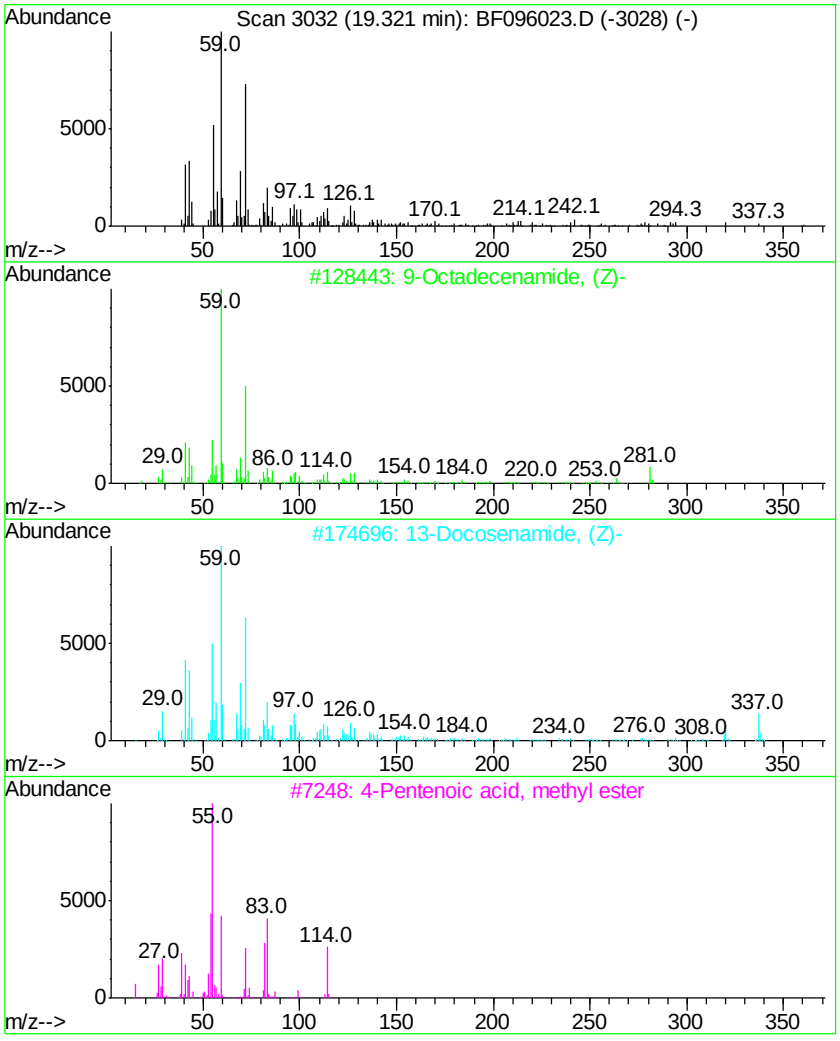
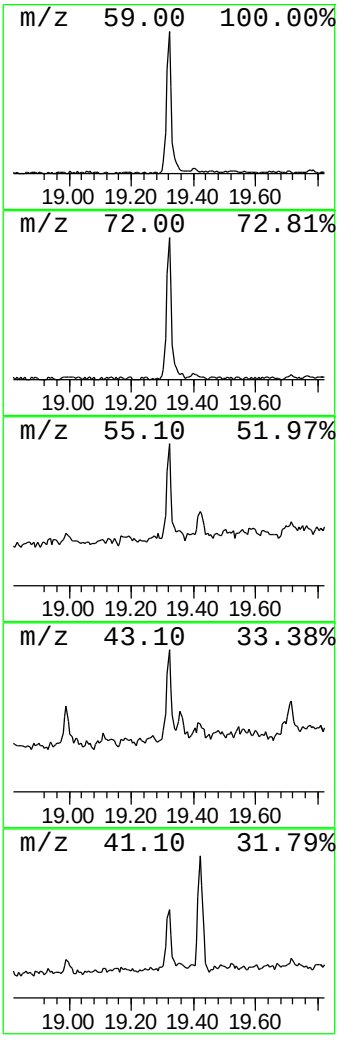
Peak Number 17 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	17.02 ng	245785	Perylene-d12	19.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	68
3	4-Pentenoic acid, methyl ester	114	C6H10O2	000818-57-5	52
4	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	52
5	Decanamide-	171	C10H21NO	002319-29-1	50





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

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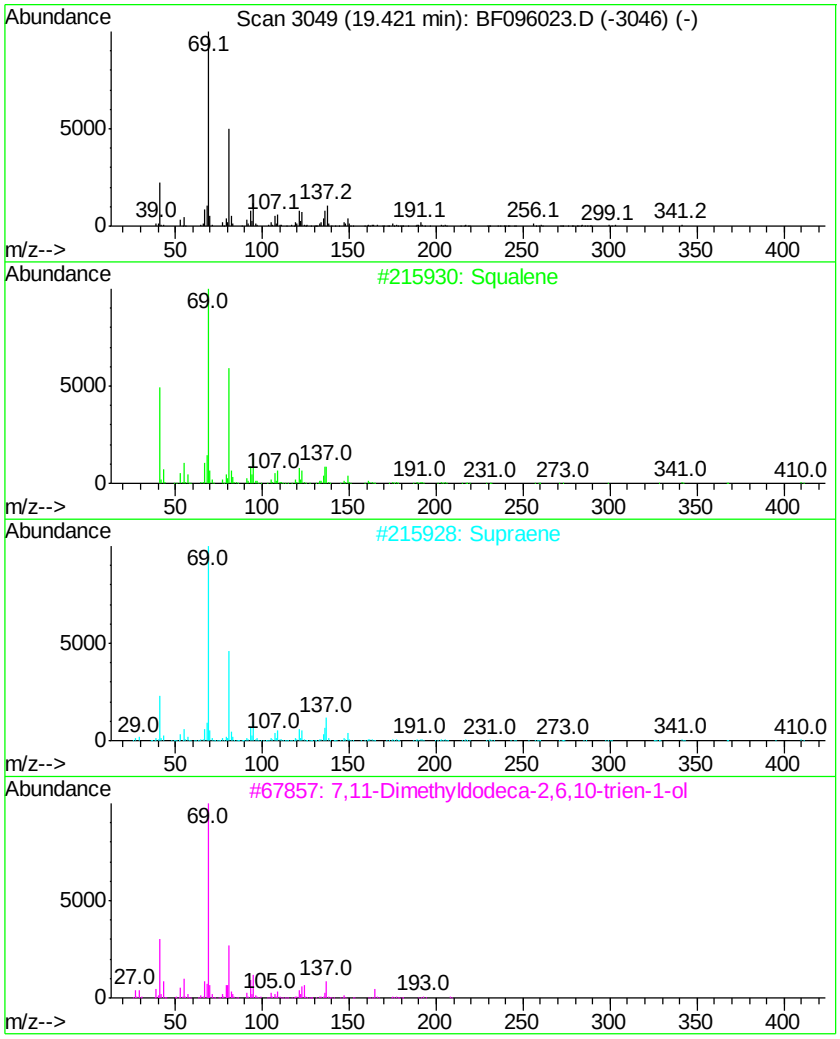
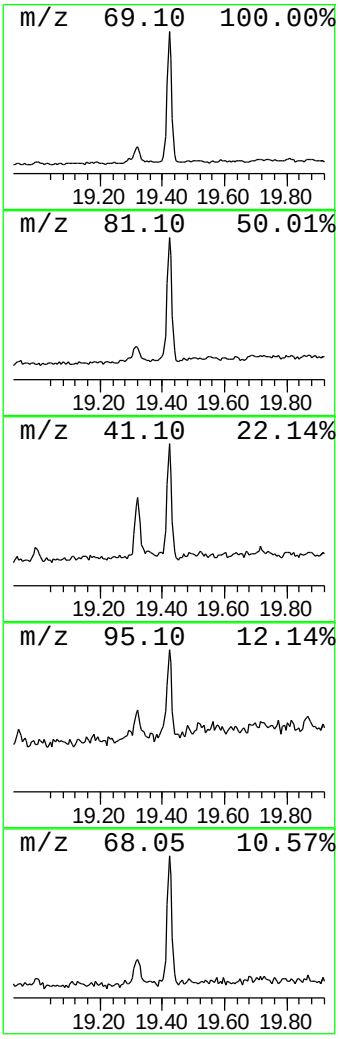
Peak Number 18 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	28.74 ng	414991	Perylene-d12	19.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
5	Farnesol (E), methyl ether	236	C16H28O	1000352-67-3	72





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ClientSampleId : G20-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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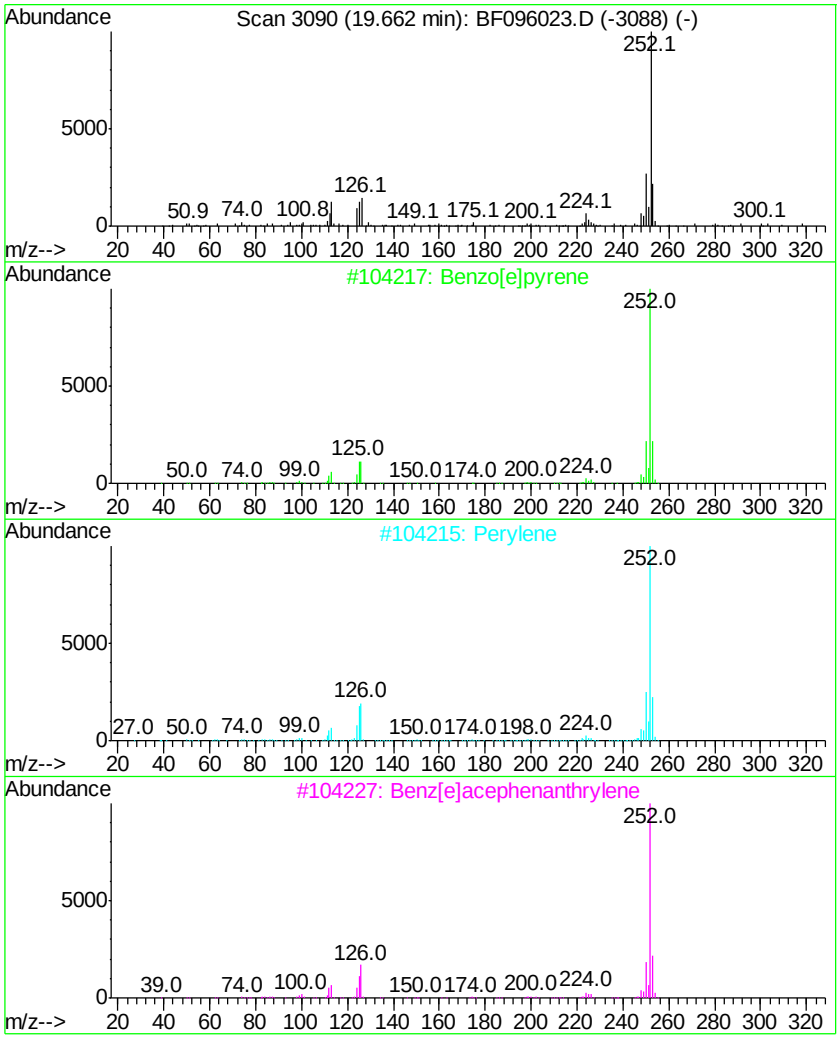
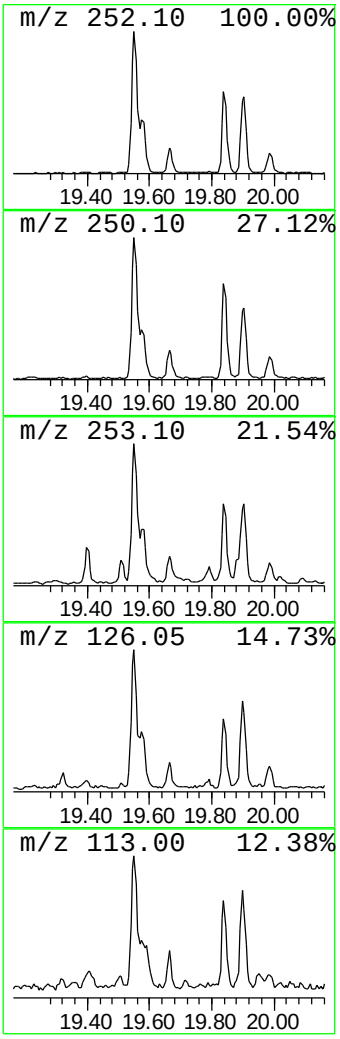
Peak Number 19 Benzo[e]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	4.62 ng	66789	Perylene-d12	19.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Perylene	252	C20H12	000198-55-0	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
Data File : BF096023.D
Acq On : 20 Jun 2017 2:29
Operator : SJ/MA
Sample : I3688-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G20-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

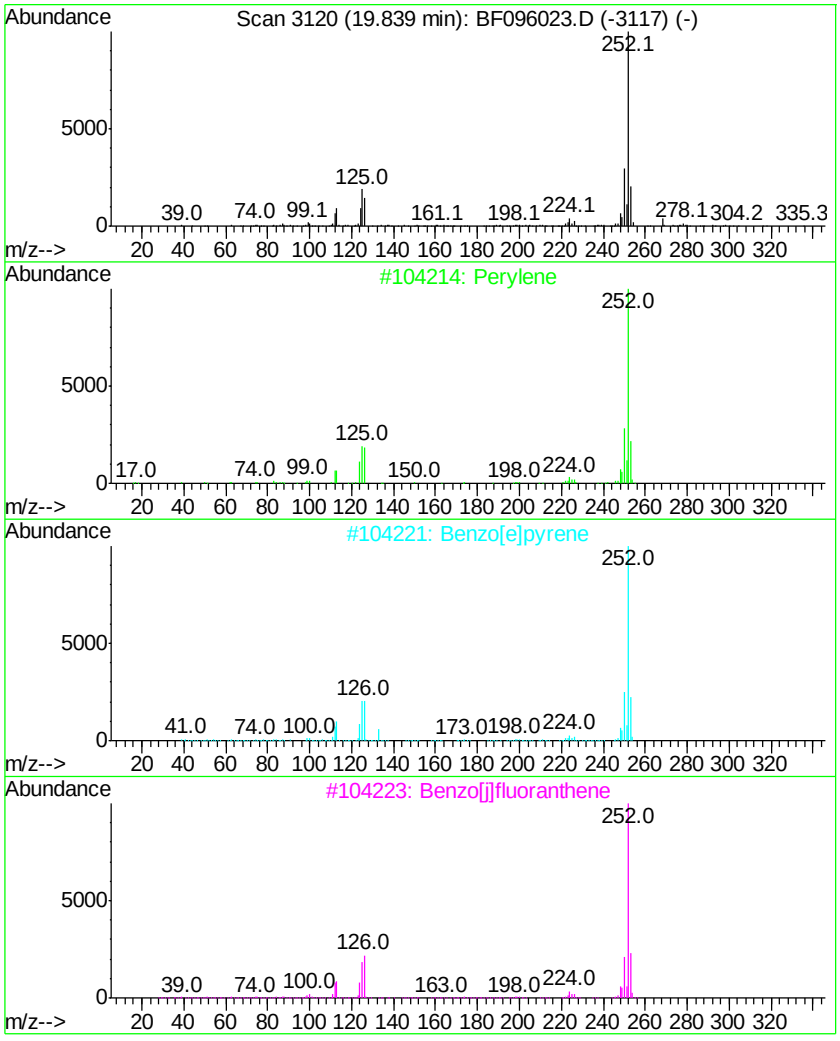
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

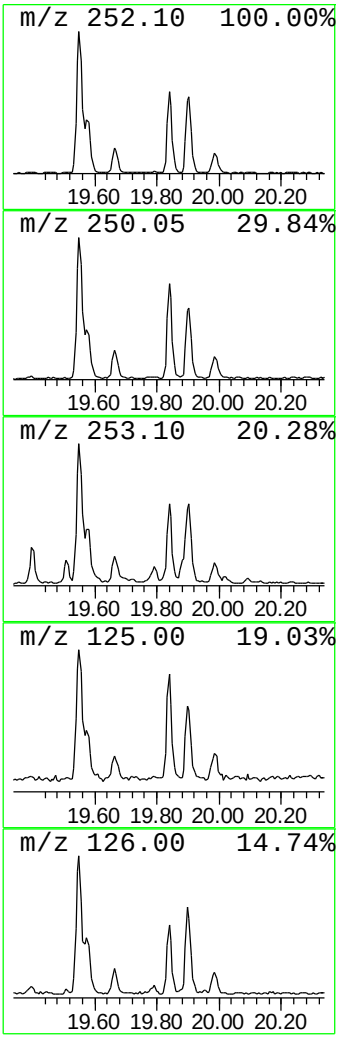
****

Peak Number 20 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	24.47 ng	353440	Perylene-d12	19.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	99
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061917\
Data File : BF096023.D
Acq On : 20 Jun 2017 2:29
Operator : SJ/MA
Sample : I3688-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G20-1.5-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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
2-Pentanone, 4-hy...	4.50	8.7	ng	185039	1	7.30	424716	20.0
unknown6.96	6.96	102.4	ng	2175480	1	7.30	424716	20.0
Naphthalene, 1-me...	10.65	5.6	ng	146678	2	9.33	523705	20.0
Naphthalene, 2,7-...	11.63	4.6	ng	123160	3	12.16	536643	20.0
Tetradecane	13.02	5.1	ng	137822	3	12.16	536643	20.0
Tridecane	13.79	6.2	ng	138679	4	14.55	450365	20.0
Dodecane, 2-methy...	13.80	5.9	ng	133184	4	14.55	450365	20.0
9H-Fluoren-9-one	14.29	4.2	ng	94686	4	14.55	450365	20.0
Phenanthrene, 1-m...	15.36	4.4	ng	99519	4	14.55	450365	20.0
Anthracene, 9-met...	15.40	5.3	ng	118518	4	14.55	450365	20.0
Naphthalene, 2-ph...	15.81	7.0	ng	158661	4	14.55	450365	20.0
di-p-Tolylacetylene	16.17	5.5	ng	124292	4	14.55	450365	20.0
Cyclopenta(def)ph...	16.30	7.8	ng	175055	4	14.55	450365	20.0
Phenol, 4,4'-(1-m...	16.83	6.4	ng	302965	5	18.28	940478	20.0
9-Octadecenamide,...	19.32	17.0	ng	245785	6	19.96	288833	20.0
Squalene	19.42	28.7	ng	414991	6	19.96	288833	20.0
Benzo[e]pyrene	19.66	4.6	ng	66789	6	19.96	288833	20.0
Perylene	19.84	24.5	ng	353440	6	19.96	288833	20.0