LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002011.D
Acq On : 11 Jul 2018 15:25
Operator : JU/SJ
Sample : J3775-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZQ2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_N\METHODS\SOM-EPA-BN061918.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.017	3	5	22	rVB	2849106	4015491	23.32%	1.590%
2	3.264	43	47	58	rVB	81228	131783	0.77%	0.052%
3	3.764	128	132	141	rVB	129381	189358	1.10%	0.075%
4	6.717	625	634	640	rBV3	54066	117836	0.68%	0.047%
5	6.887	655	663	678	rVB	1922868	3274485	19.02%	1.296%
6	7.052	684	691	704	rBV	1449340	2314958	13.45%	0.916%
7	7.246	716	724	735	rBV	1933872	3085884	17.92%	1.222%
8	7.711	795	803	811	rBV	1711266	2824099	16.40%	1.118%
9	8.411	915	922	931	rBV	2155713	3483343	20.23%	1.379%
10	8.522	937	941	947	rVB2	54175	88911	0.52%	0.035%
11	8.858	991	998	1007	rVV	1811347	3063234	17.79%	1.213%
12	8.981	1014	1019	1023	rVV	82718	140258	0.81%	0.056%
13	9.569	1111	1119	1127	rBV	1528212	2533047	14.71%	1.003%
14	10.105	1203	1210	1221	rBV	2463694	4198315	24.38%	1.662%
15	10.481	1266	1274	1280	rBV	2655387	4512301	26.21%	1.786%
16	10.528	1280	1282	1289	rVB2	64063	98246	0.57%	0.039%
17	10.616	1289	1297	1309	rBV	978779	1829648	10.63%	0.724%
18	12.069	1536	1544	1552	rVV2	54500	105517	0.61%	0.042%
19	12.146	1552	1557	1565	rVB2	49868	86444	0.50%	0.034%
20	12.610	1631	1636	1641	rBV2	53859	93731	0.54%	0.037%
21	12.993	1697	1701	1708	rVB	66119	98307	0.57%	0.039%
22	13.169	1727	1731	1736	rVB2	60425	77551	0.45%	0.031%
23	13.246	1740	1744	1750	rVV2	64377	110654	0.64%	0.044%
24	13.522	1782	1791	1797	rBV6	50716	105824	0.61%	0.042%
25	13.751	1818	1830	1834	rBV	4310962	6037044	35.06%	2.390%
26	13.798	1834	1838	1843	rVB	1281841	1691869	9.83%	0.670%
27	14.028	1868	1877	1890	rBV	5183317	7962302	46.24%	3.152%
28	14.251	1911	1915	1919	rBV	150019	181413	1.05%	0.072%
29	14.340	1922	1930	1937	rBV2	3950428	6106304	35.46%	2.417%
30	14.398	1937	1940	1948	rVB	164398	258463	1.50%	0.102%
31	14.546	1958	1965	1976	rBV	1734292	2816468	16.36%	1.115%
32	14.693	1986	1990	1994	rBV2	118518	179616	1.04%	0.071%
33	14.740	1994	1998	2000	rBV2	58118	79812	0.46%	0.032%
34	14.869	2017	2020	2026	rVB2	53130	78330	0.45%	0.031%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3775-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZQ2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_N\METHODS\SOM-EPA-BN061918.M
Title : SVOA CALIBRATION

35	15.151	2064	2068	2073	rVB2	90135	127845	0.74%	0.051%
36	15.204	2073	2077	2083	rVB	299875	398010	2.31%	0.158%
37	15.334	2092	2099	2105	rBV	6636616	9567395	55.57%	3.788%
38	15.393	2105	2109	2114	rVB2	162260	233306	1.36%	0.092%
39	15.457	2114	2120	2126	rBV	1988877	2752253	15.98%	1.090%
40	15.569	2133	2139	2141	rBV3	114303	233782	1.36%	0.093%
41	15.687	2155	2159	2167	rVB3	74513	173507	1.01%	0.069%
42	15.828	2179	2183	2191	rVB2	99249	184294	1.07%	0.073%
43	15.916	2193	2198	2203	rBV	71050	128342	0.75%	0.051%
44	16.069	2219	2224	2237	rVB	403354	716915	4.16%	0.284%
45	16.663	2320	2325	2333	rVB4	115443	210941	1.23%	0.084%
46	16.740	2334	2338	2346	rVB	258785	385351	2.24%	0.153%
47	16.822	2348	2352	2353	rBV2	61434	88208	0.51%	0.035%
48	16.857	2353	2358	2362	rVV4	414440	619935	3.60%	0.245%
49	16.904	2362	2366	2372	rVV2	220703	352111	2.05%	0.139%
50	16.963	2372	2376	2380	rVV2	138790	184636	1.07%	0.073%
51	17.087	2391	2397	2400	rBV	5010850	7234898	42.02%	2.864%
52	17.128	2400	2404	2408	rVB	4072044	5512760	32.02%	2.182%
53	17.187	2408	2414	2418	rBV	6857705	10346416	60.09%	4.096%
54	17.269	2424	2428	2436	rVB3	181359	306338	1.78%	0.121%
55	17.487	2458	2465	2469	rBV	421888	655811	3.81%	0.260%
56	17.598	2481	2484	2489	rBV2	204544	292408	1.70%	0.116%
57	17.687	2492	2499	2505	rVB5	213246	540493	3.14%	0.214%
58	17.957	2542	2545	2548	rBV	326150	381975	2.22%	0.151%
59	17.998	2548	2552	2559	rVV2	2481256	3736601	21.70%	1.479%
60	18.063	2559	2563	2572	rVB	1382526	2042811	11.86%	0.809%
61	18.157	2573	2579	2583	rBV2	1089446	1849990	10.74%	0.732%
62	18.292	2600	2602	2609	rVB3	166884	299238	1.74%	0.118%
63	18.463	2626	2631	2634	rBV	444246	679044	3.94%	0.269%
64	18.504	2634	2638	2642	rVB	516435	709278	4.12%	0.281%
65	18.622	2655	2658	2663	rBV2	146888	178357	1.04%	0.071%
66	18.881	2697	2702	2707	rBV3	573849	1166141	6.77%	0.462%
67	18.934	2707	2711	2716	rVV4	502678	830534	4.82%	0.329%
68	18.986	2716	2720	2722	rVV2	616607	921941	5.35%	0.365%
69	19.016	2722	2725	2734	rVB2	1230697	2123894	12.34%	0.841%
70	19.151	2742	2748	2754	rVB	10474553	14490699	84.16%	5.737%
71	19.222	2757	2760	2762	rBV2	328603	419842	2.44%	0.166%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3775-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZQ2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_N\METHODS\SOM-EPA-BN061918.M
Title : SVOA CALIBRATION

72	19.292	2767	2772	2778	rBV2	1965069	3553699	20.64%	1.407%
73	19.363	2780	2784	2787	rBV5	546732	759949	4.41%	0.301%
74	19.486	2799	2805	2807	rBV2	9930545	14134664	82.09%	5.596%
75	19.516	2807	2810	2814	rVB	8748005	11008139	63.93%	4.358%
76	19.633	2827	2830	2835	rVB2	915273	1097352	6.37%	0.434%
77	19.692	2836	2840	2843	rBV	682860	987605	5.74%	0.391%
78	19.745	2845	2849	2855	rVB2	2216374	2970864	17.25%	1.176%
79	19.828	2860	2863	2866	rBV2	487940	818160	4.75%	0.324%
80	20.010	2890	2894	2898	rVB	1957701	2579741	14.98%	1.021%
81	20.057	2898	2902	2907	rBV2	1818392	2434559	14.14%	0.964%
82	20.292	2938	2942	2947	rBV2	1303211	2005072	11.65%	0.794%
83	20.345	2948	2951	2952	rBV3	598431	647127	3.76%	0.256%
84	20.428	2962	2965	2970	rVV	1605828	1837236	10.67%	0.727%
85	20.475	2970	2973	2977	rVB	1237346	1526508	8.87%	0.604%
86	20.586	2989	2992	2993	rBV2	726961	807944	4.69%	0.320%
87	20.610	2993	2996	3006	rVB4	1755927	2697359	15.67%	1.068%
88	20.763	3018	3022	3029	rVB	1560010	2058629	11.96%	0.815%
89	20.922	3045	3049	3054	rBV2	1393233	2374930	13.79%	0.940%
90	21.016	3061	3065	3070	rBV2	2467402	3786414	21.99%	1.499%
91	21.057	3070	3072	3081	rVB	1405440	1961601	11.39%	0.777%
92	21.210	3095	3098	3102	rBV	1860729	2327682	13.52%	0.922%
93	21.280	3104	3110	3114	rVV3	8446268	17217843	100.00%	6.816%
94	21.322	3114	3117	3124	rVB	5570822	7533918	43.76%	2.983%
95	21.892	3210	3214	3217	rBV	1650791	2241387	13.02%	0.887%
96	22.857	3373	3378	3383	rBV	4611516	9283596	53.92%	3.675%
97	23.333	3455	3459	3462	rBV	1757493	2851174	16.56%	1.129%
98	23.380	3463	3467	3471	rVV	4445010	7864914	45.68%	3.114%
99	23.427	3472	3475	3481	rVB	3563714	5521110	32.07%	2.186%
100	23.522	3487	3491	3497	rVB2	2731114	4660330	27.07%	1.845%

Sum of corrected areas: 252596652

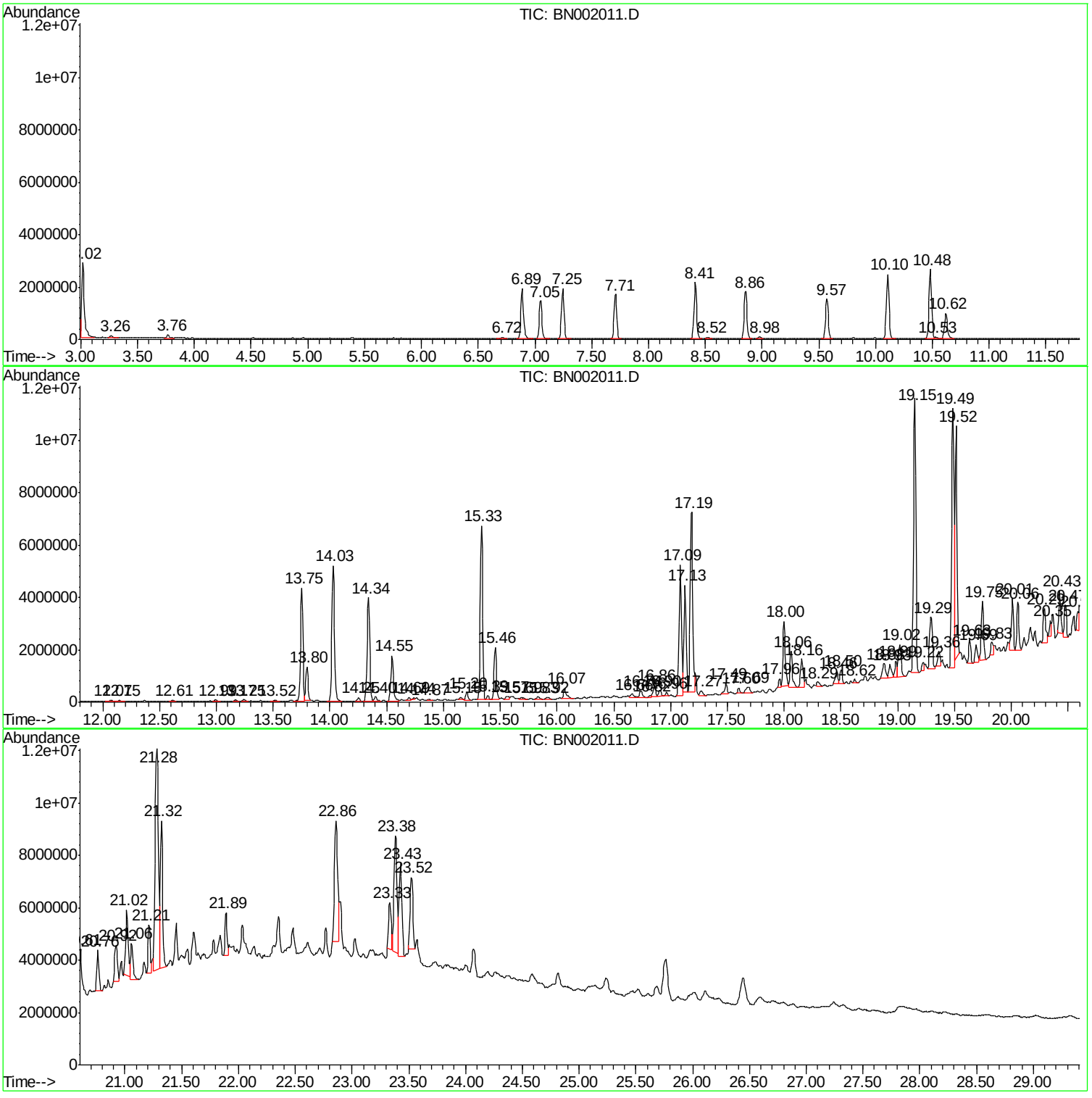
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002011.D
Acq On : 11 Jul 2018 15:25
Operator : JU/SJ
Sample : J3775-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZQ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002011.D
Acq On : 11 Jul 2018 15:25
Operator : JU/SJ
Sample : J3775-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZQ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

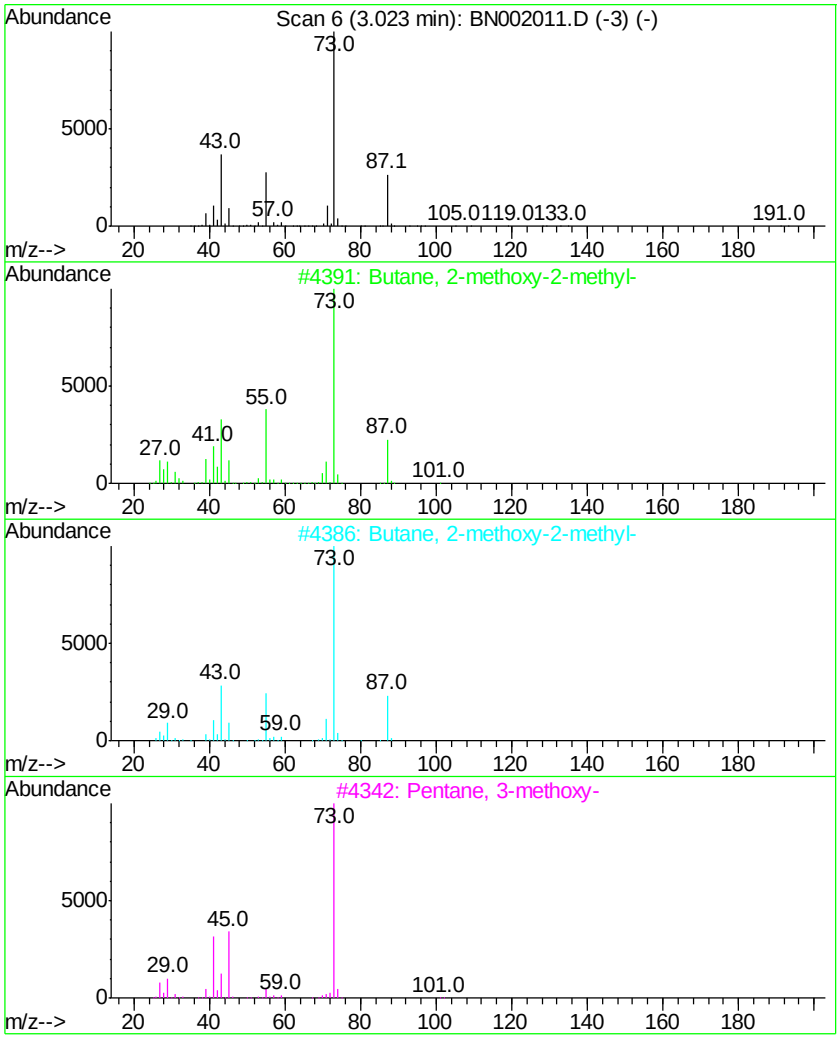
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

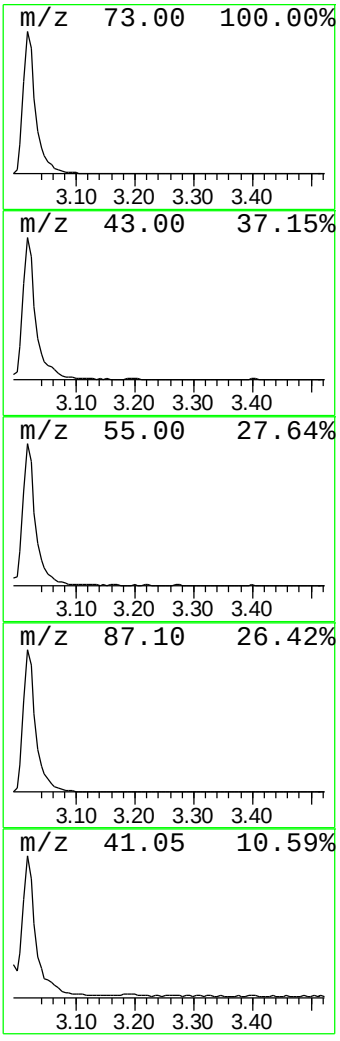
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	28.44 ng/ul	4015490	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002011.D
Acq On : 11 Jul 2018 15:25
Operator : JU/SJ
Sample : J3775-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZQ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

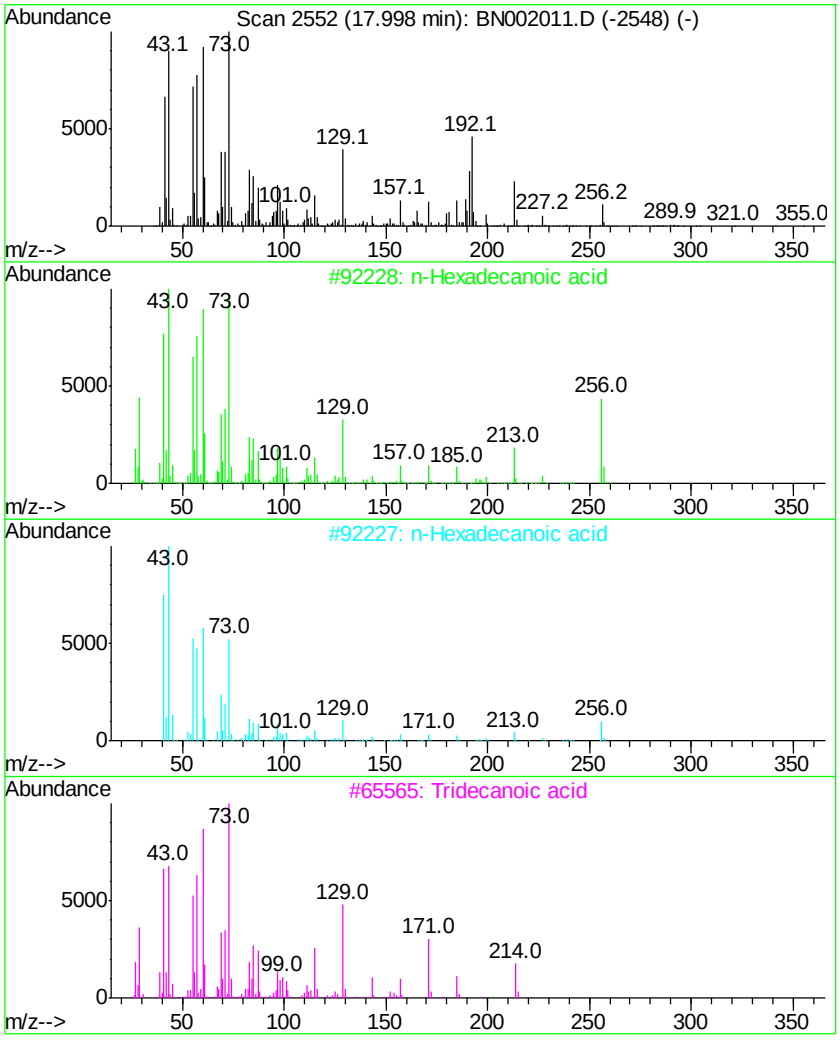
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

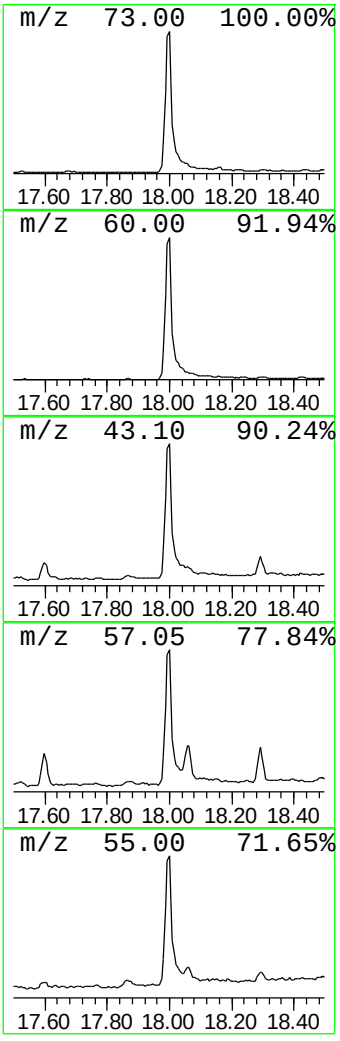
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	10.33 ng/ul	3736600	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
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Sample : J3775-13
Misc :
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Instrument : BNA_N
ClientSampleId : DAZQ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

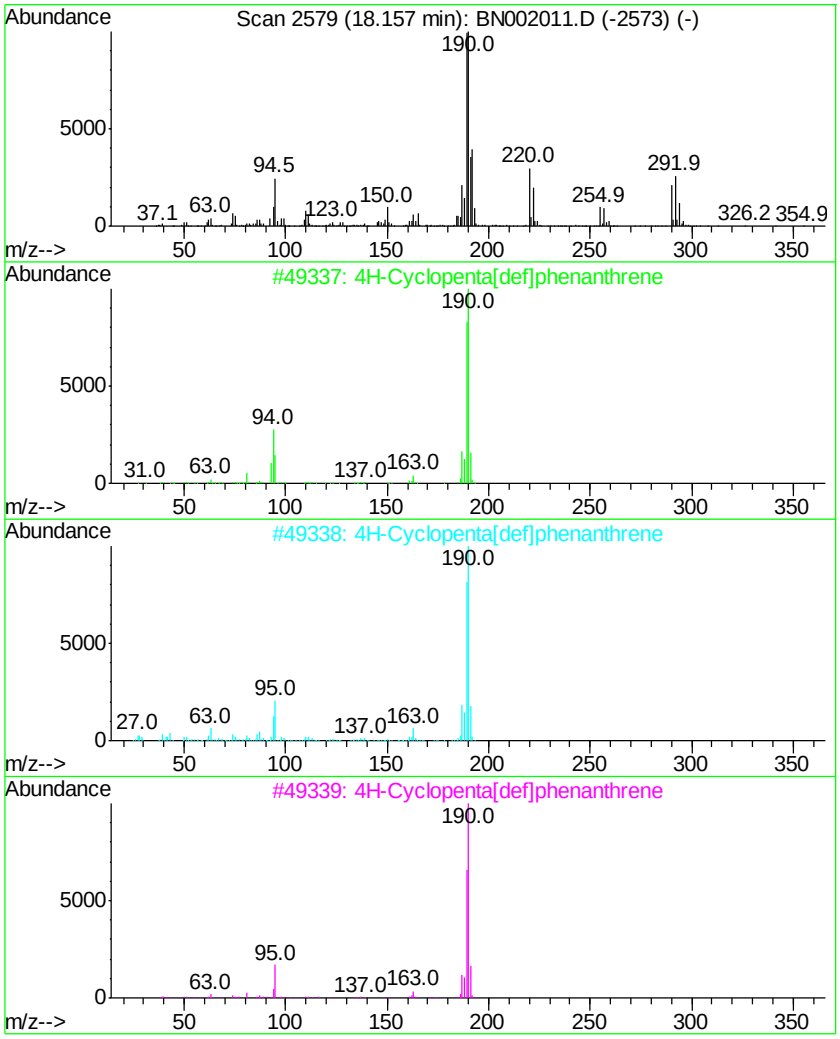
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

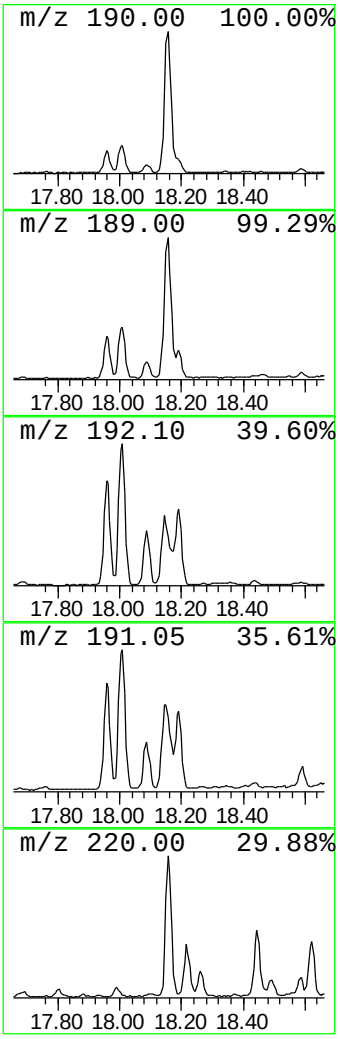
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	5.11 ng/ul	1849990	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	43
5	4-(4-Methyl-piperidin-1-yl)-phen...	190	C12H18N2	342013-25-6	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002011.D
Acq On : 11 Jul 2018 15:25
Operator : JU/SJ
Sample : J3775-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZQ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****

Peak Number 4 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	3.22 ng/ul	1166140	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
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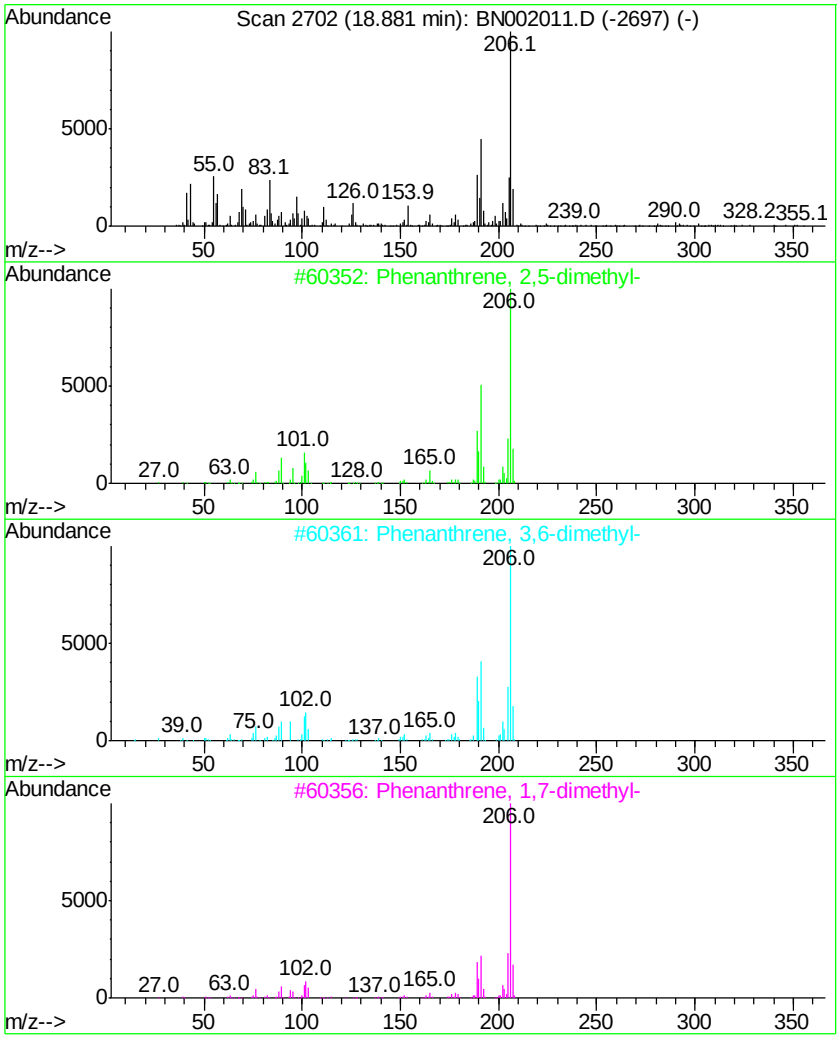

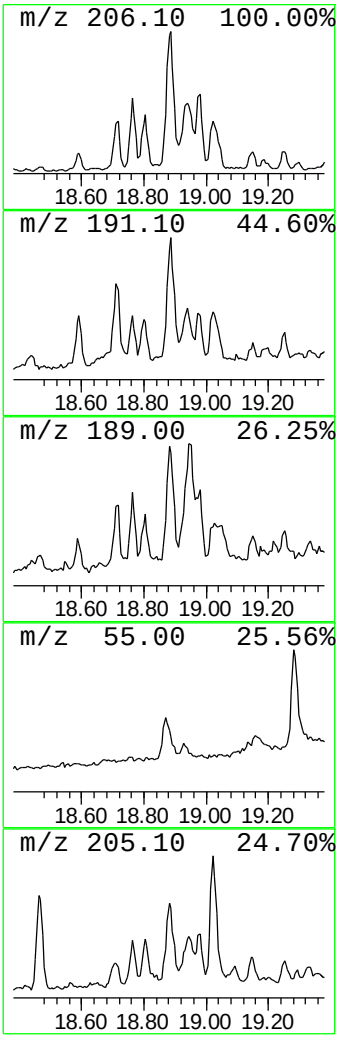

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Operator : JU/SJ
Sample : J3775-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZQ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

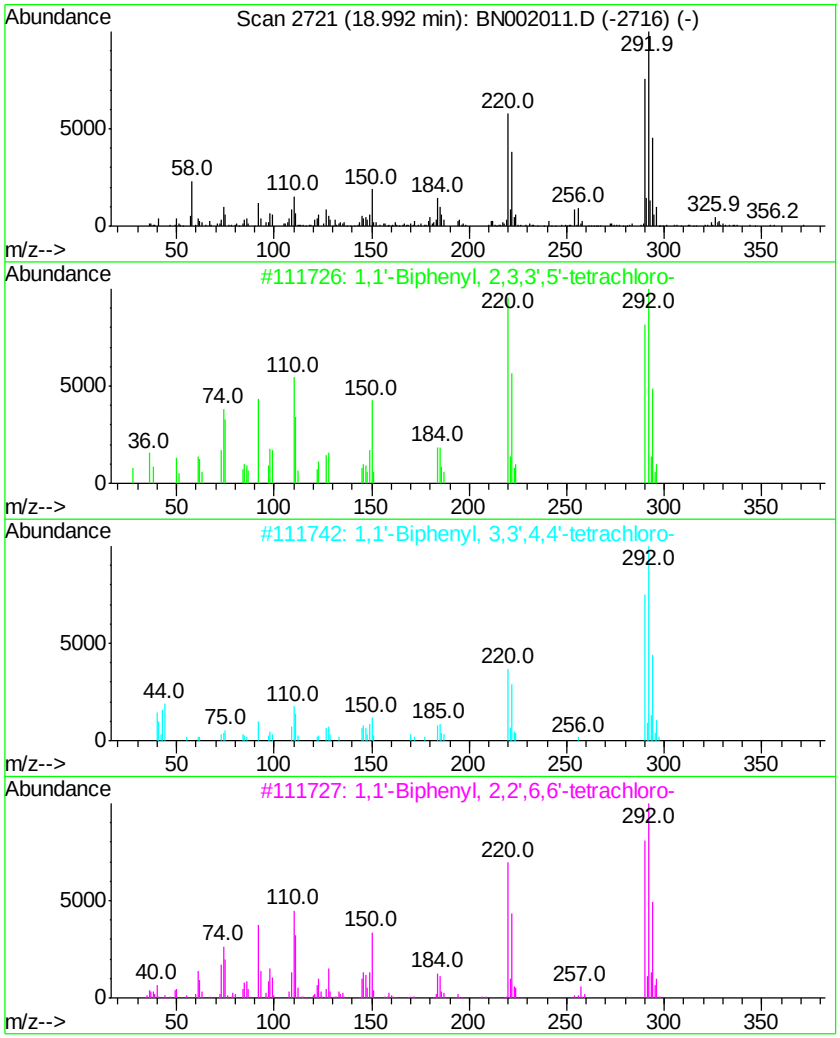
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

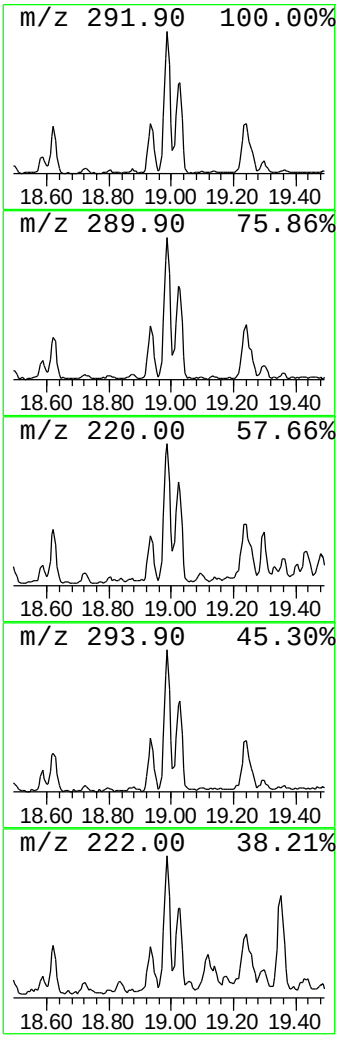
****

Peak Number 6 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	2.55 ng/ul	921941	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	98
5	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	97





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Acq On : 11 Jul 2018 15:25
Operator : JU/SJ
Sample : J3775-13
Misc :
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Instrument : BNA_N
ClientSampleId : DAZQ2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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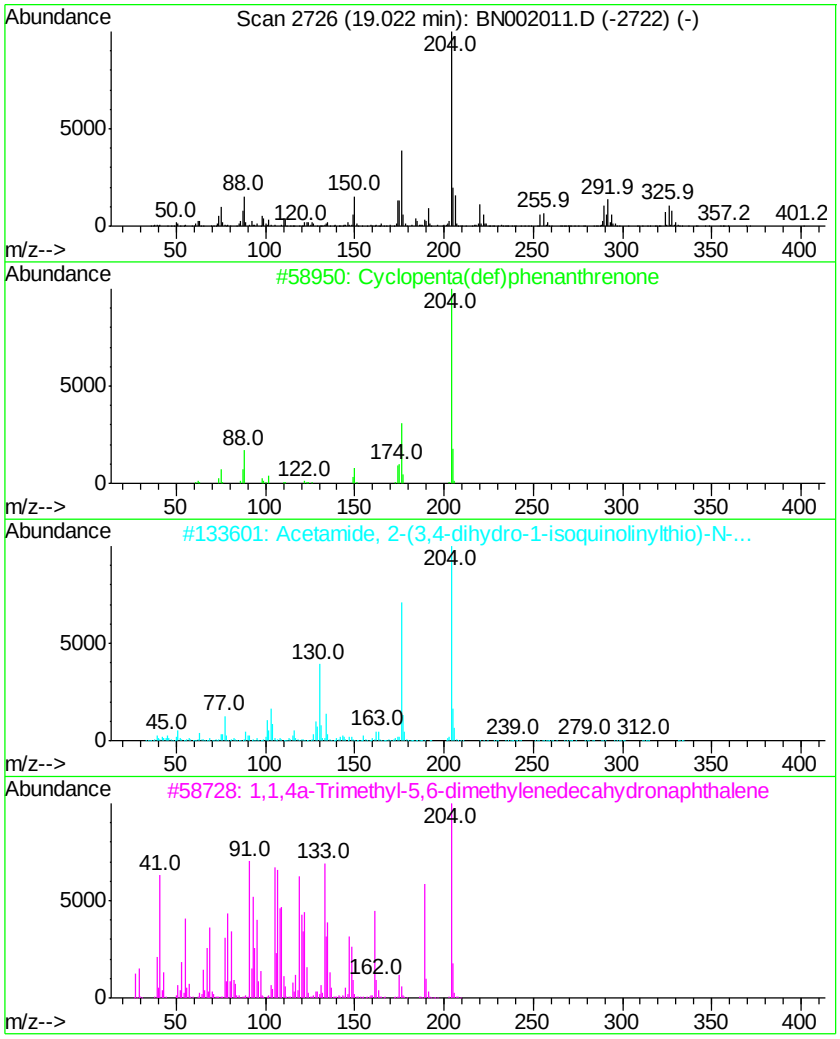
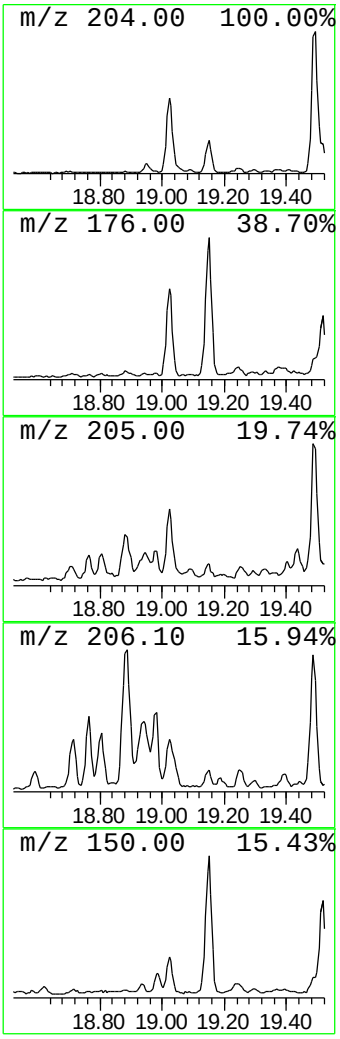
Peak Number 7 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	5.87 ng/ul	2123890	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	38
2	Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	25
3	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	25
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	22
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	22





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Misc :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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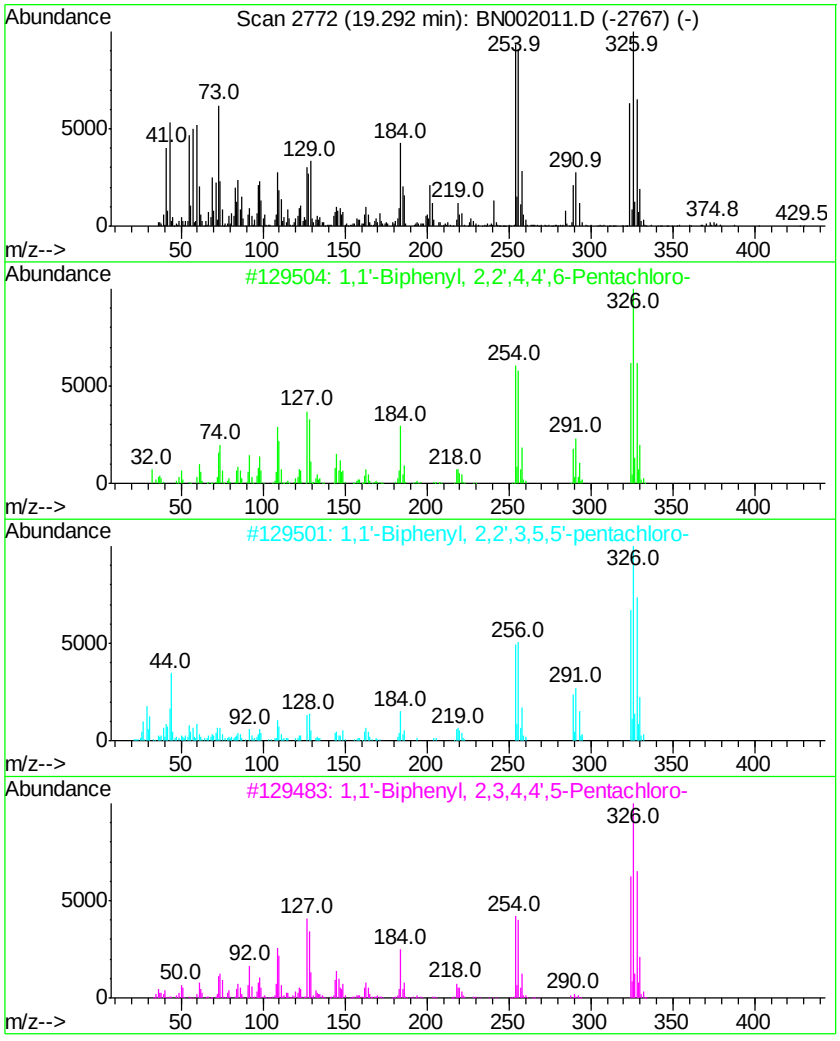
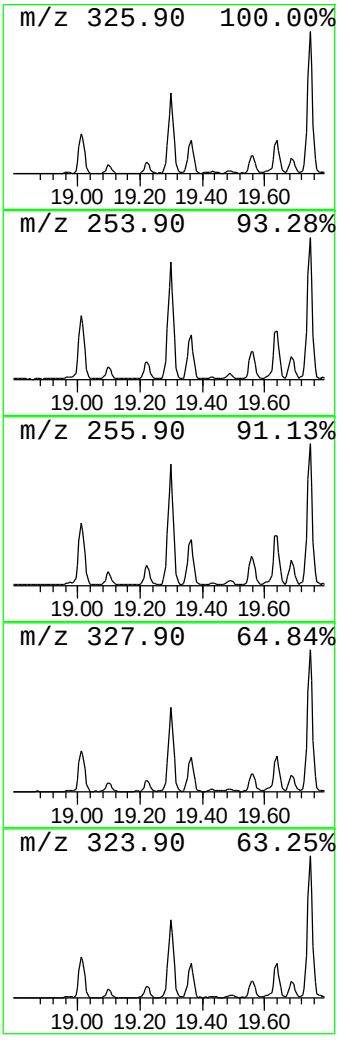
Peak Number 8 1,1'-Biphenyl, 2,2',4,4',6-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	4.13 ng/ul	3553700	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
2	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	98
3	1,1'-Biphenyl, 2,3,4,4',5-Pentac...	324	C12H5Cl5	074472-37-0	96
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96
5	(2,3,4,5-Tetrachloro-2,4-cyclope...	324	C12H5Cl5	029887-33-0	95





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Instrument : BNA_N
ClientSampleId : DAZQ2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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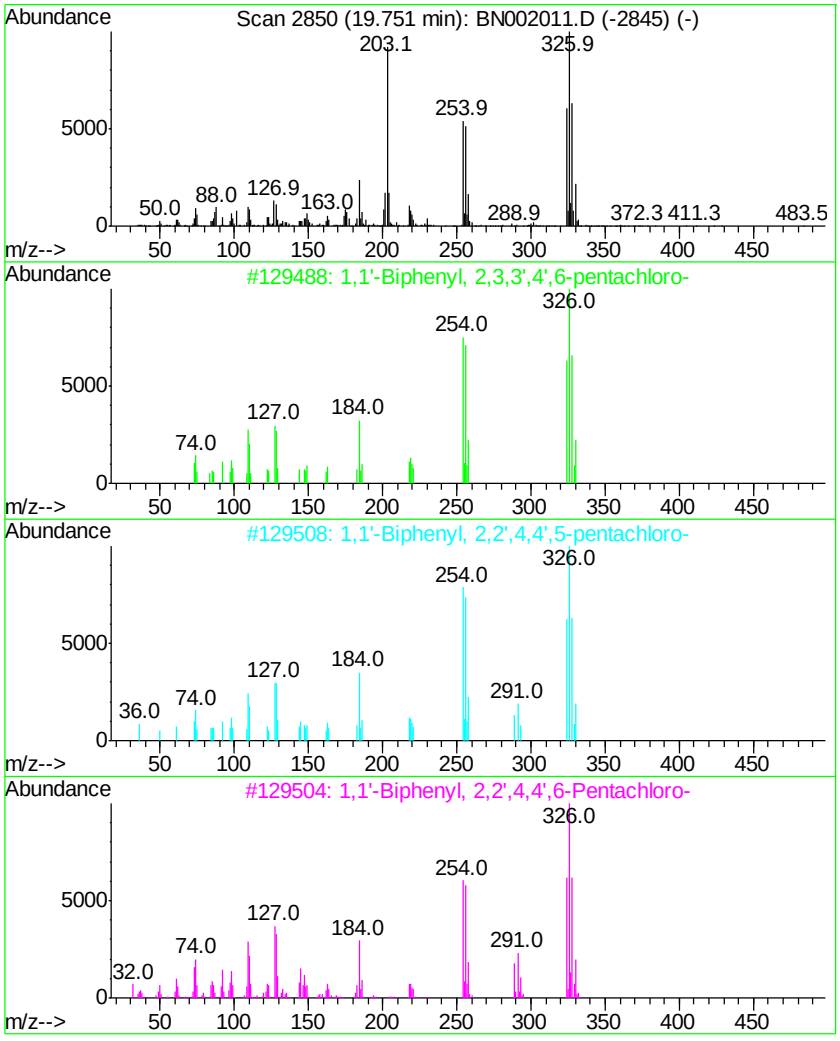
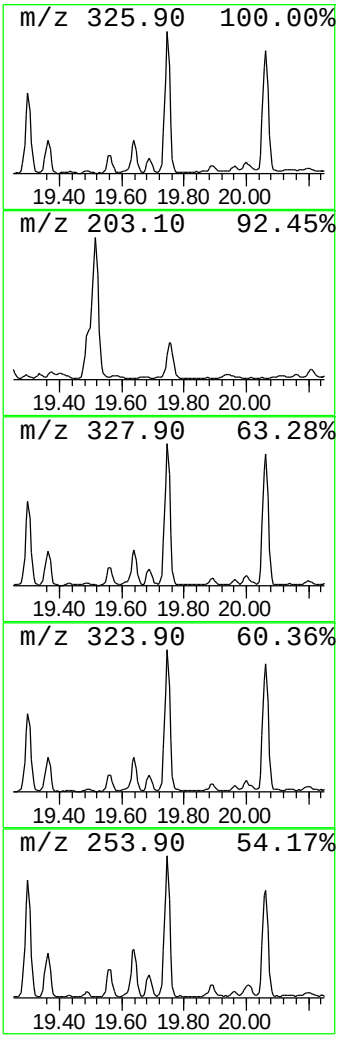
Peak Number 9 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	3.45 ng/ul	2970860	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	98





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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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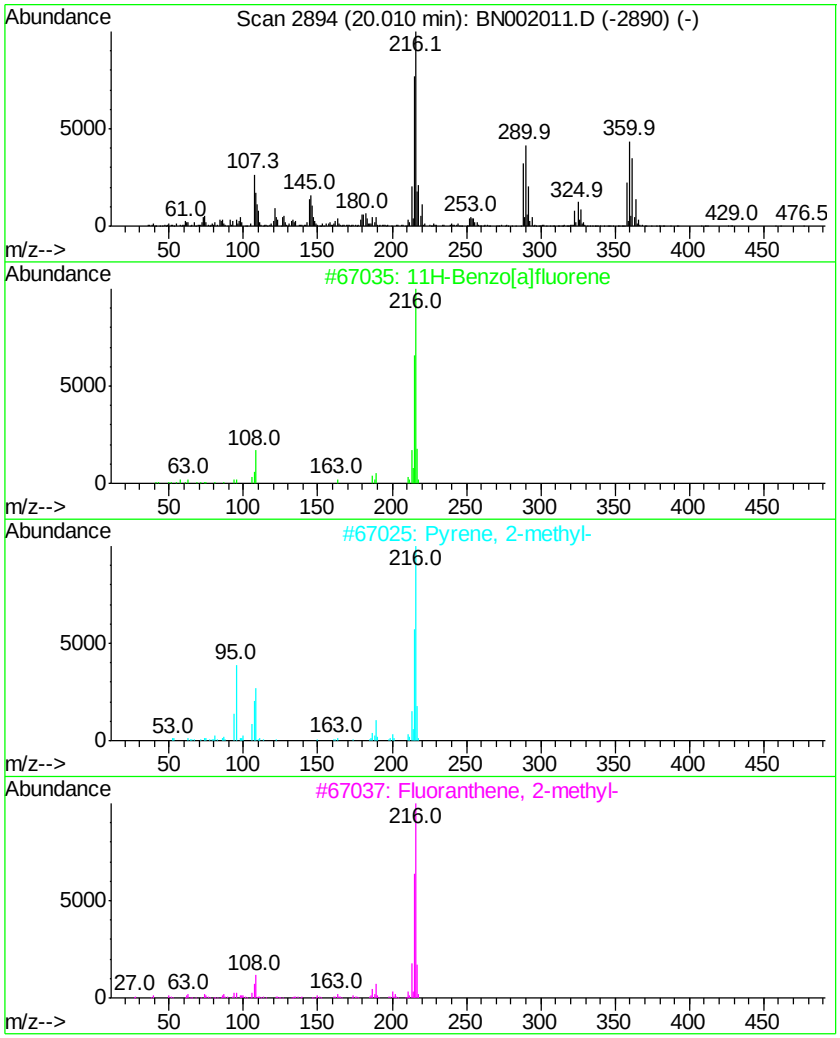
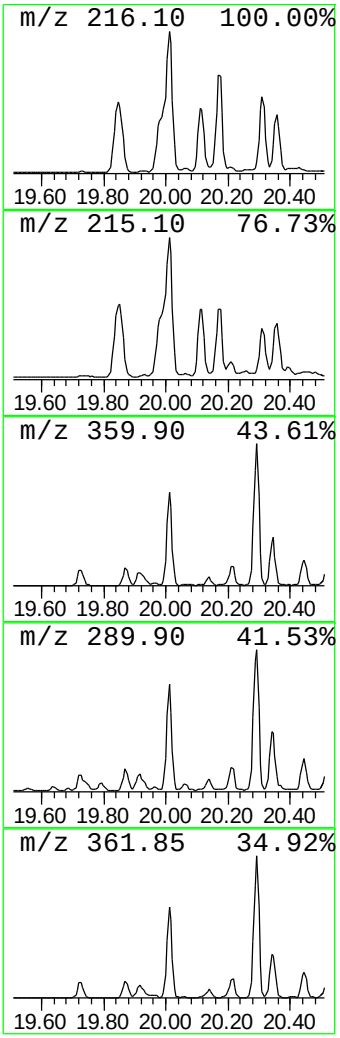
Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.01	3.00 ng/ul	2579740	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	46
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	46
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	46
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	41





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZQ2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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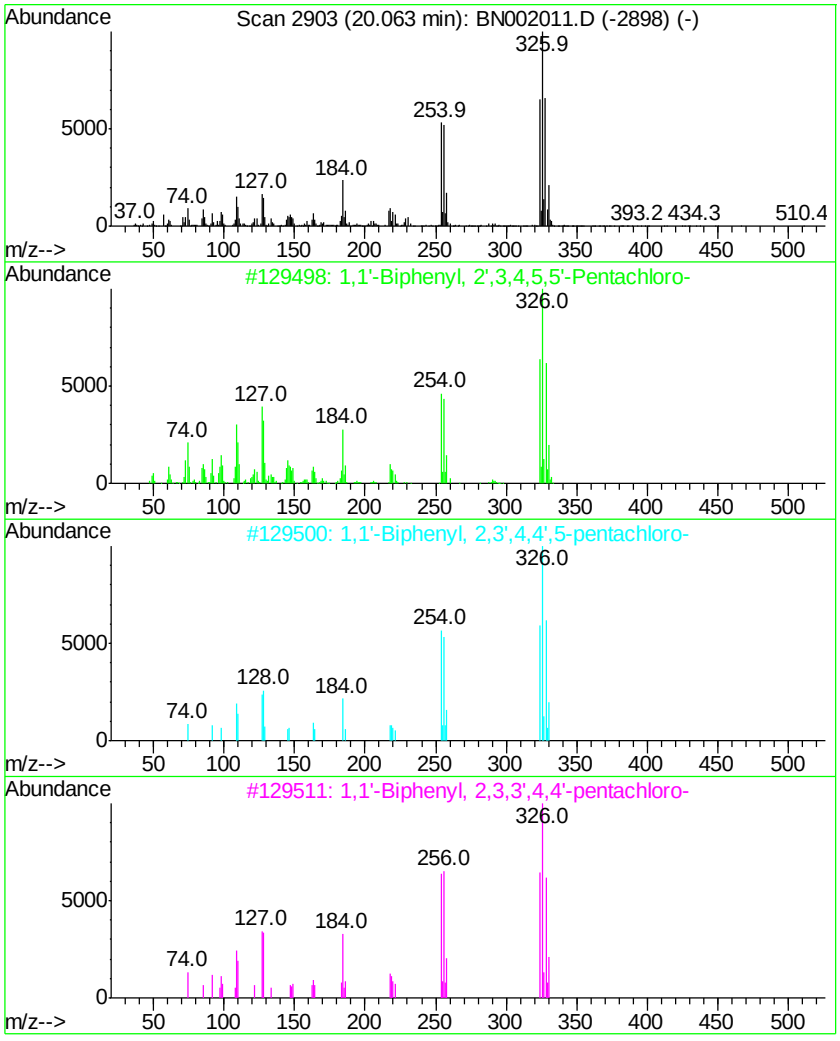
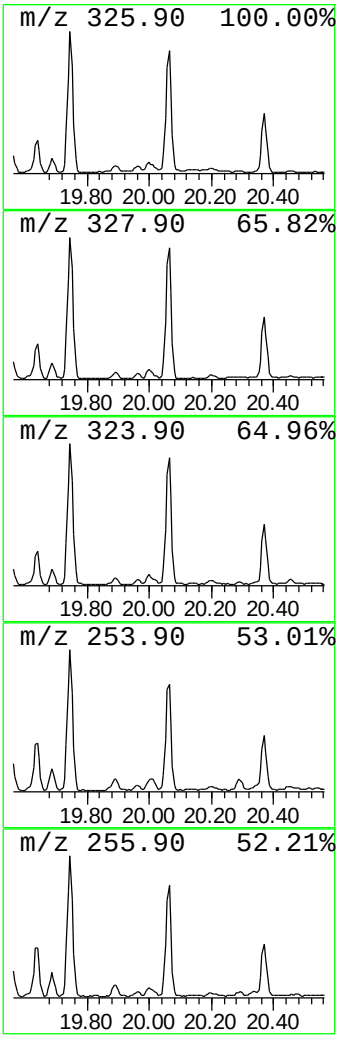
Peak Number 11 1,1'-Biphenyl, 2',3,4,5,5'-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	2.83 ng/ul	2434560	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	96
3	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96
4	1,1'-Biphenyl, 2,3,4,5,6-pentach...	324	C12H5Cl5	018259-05-7	96
5	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	96





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZQ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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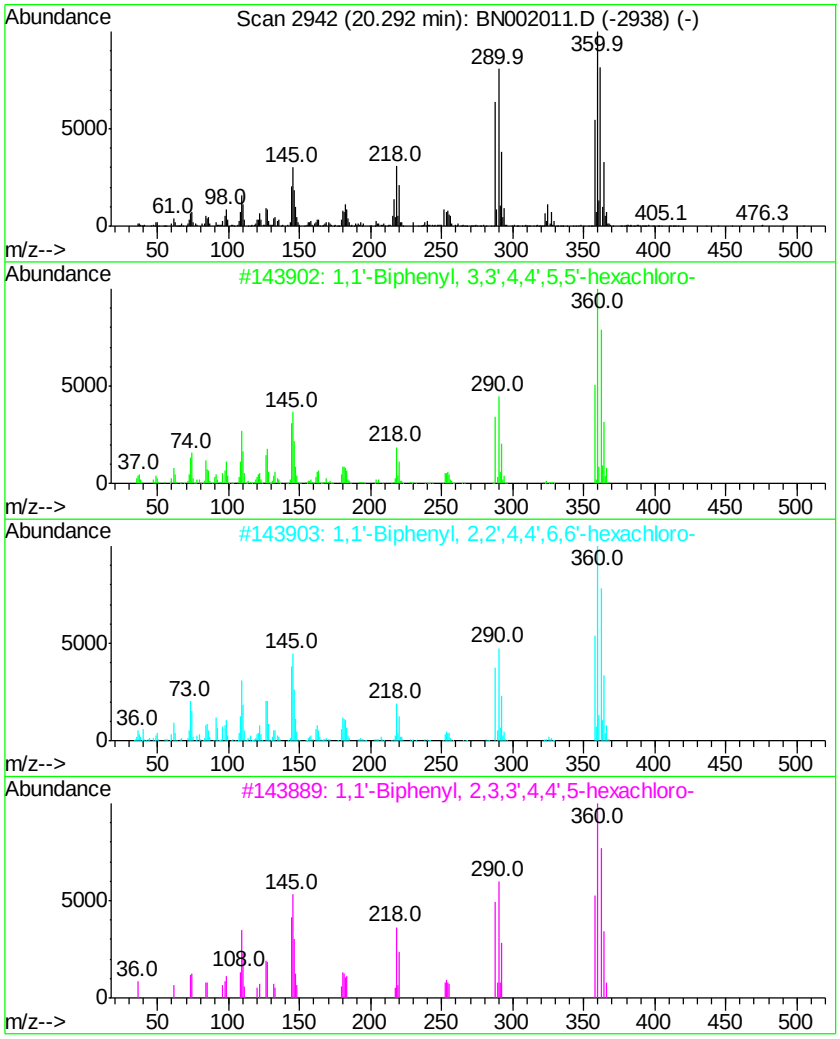
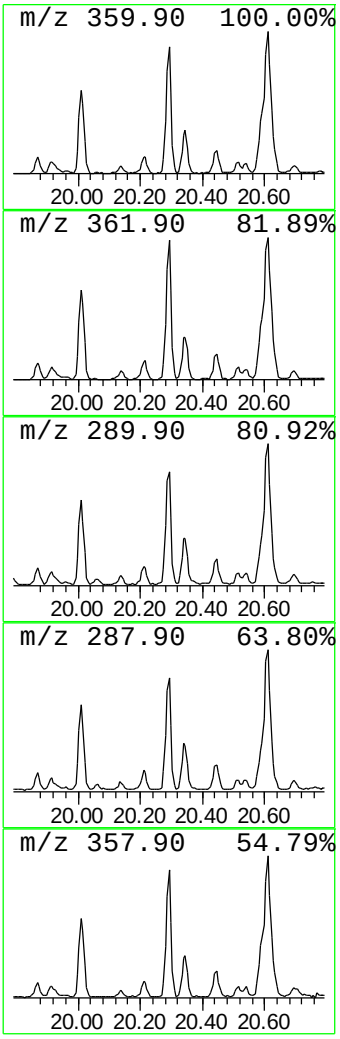
Peak Number 12 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	2.33 ng/ul	2005070	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
2	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	98
3	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	98
4	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	96
5	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	96





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZQ2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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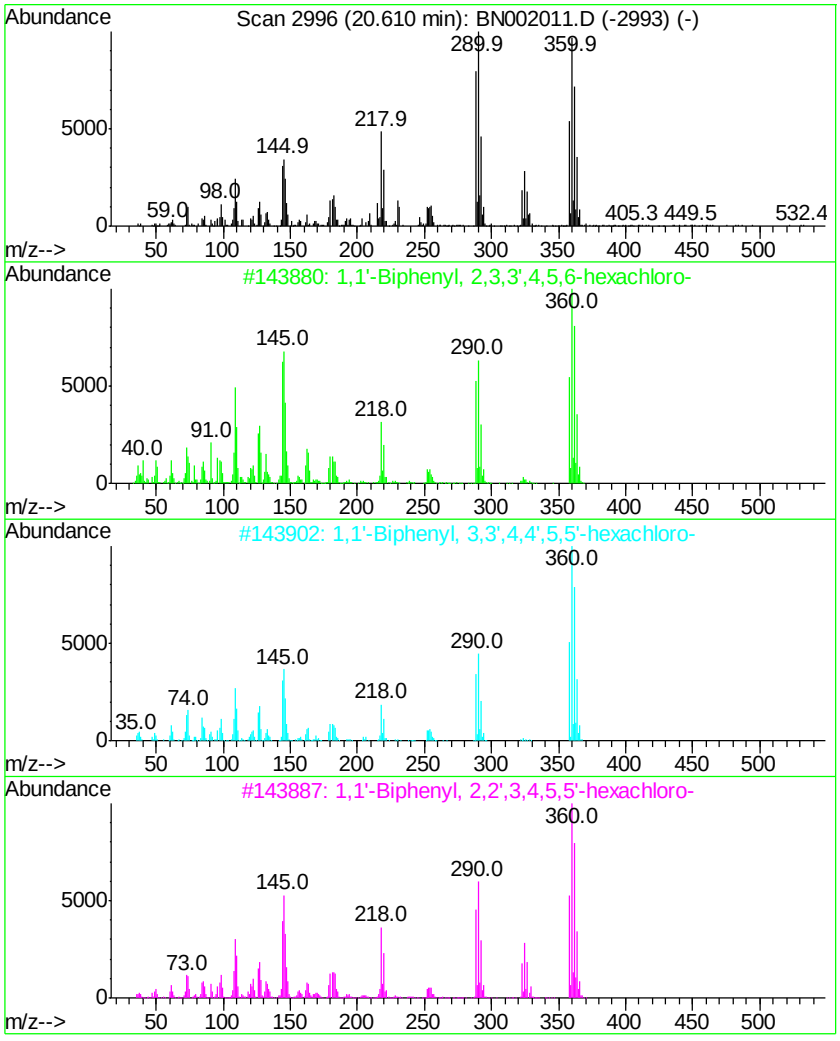
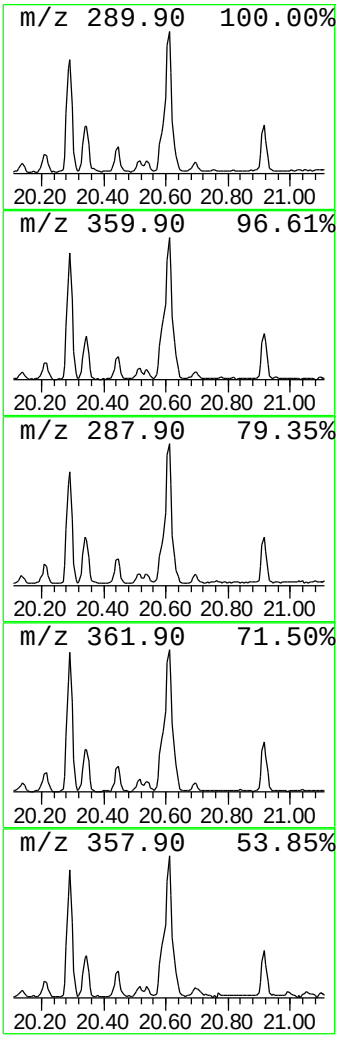
Peak Number 13 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.61	3.13 ng/ul	2697360	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
2	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
4	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
5	1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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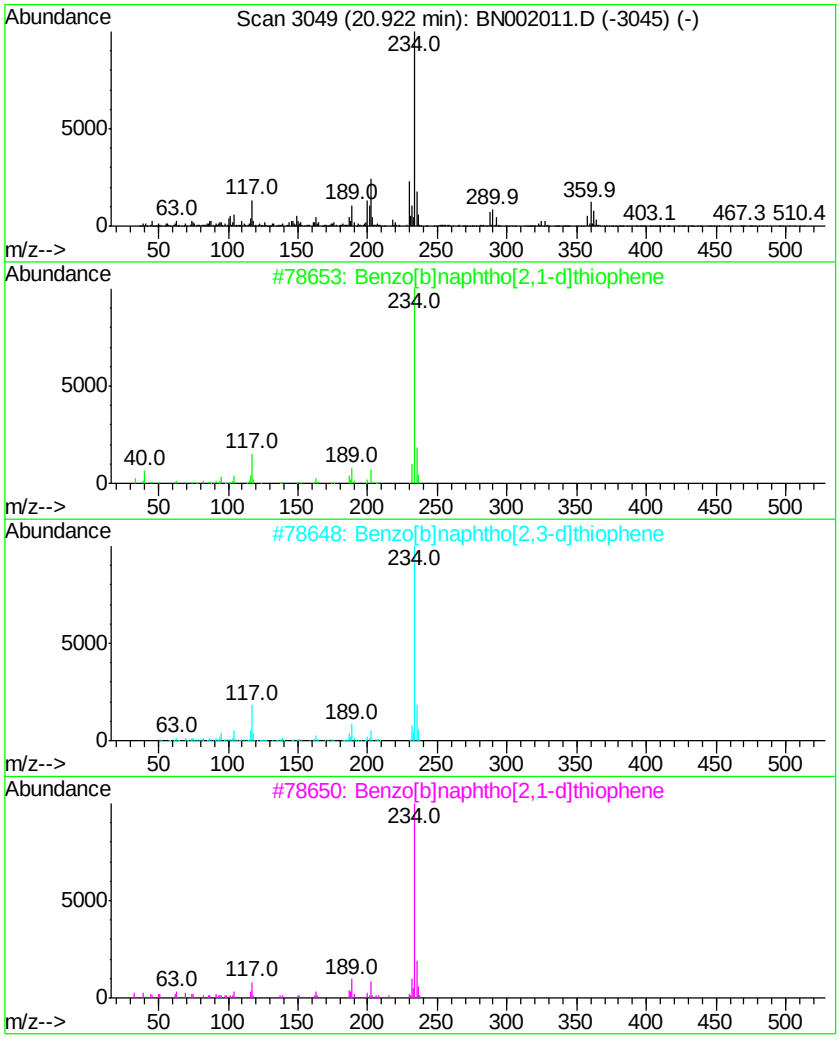
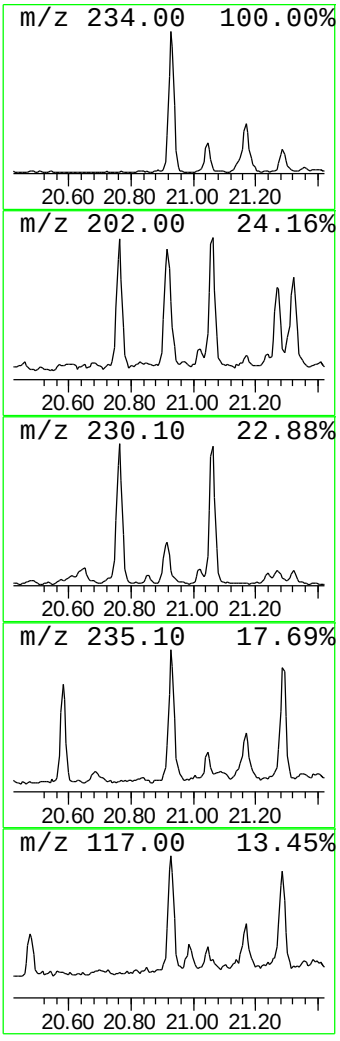
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.76 ng/ul	2374930	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	60
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	60
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	53
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	53





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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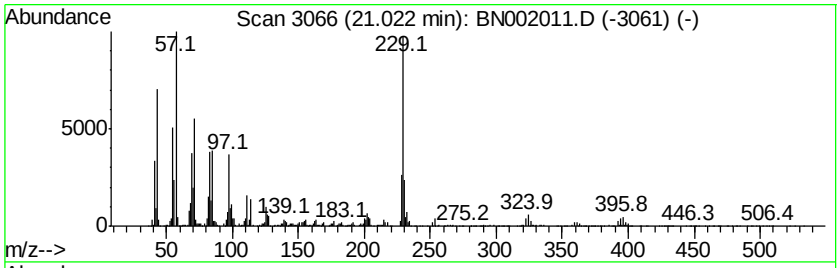
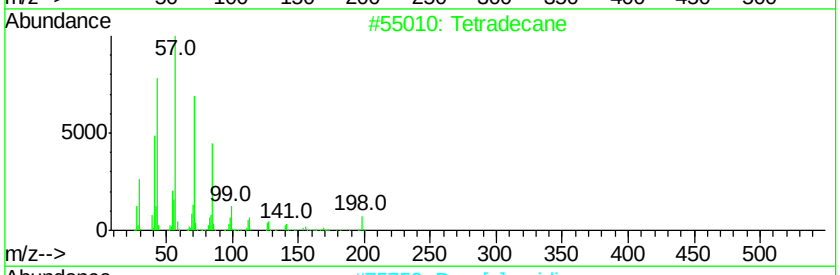
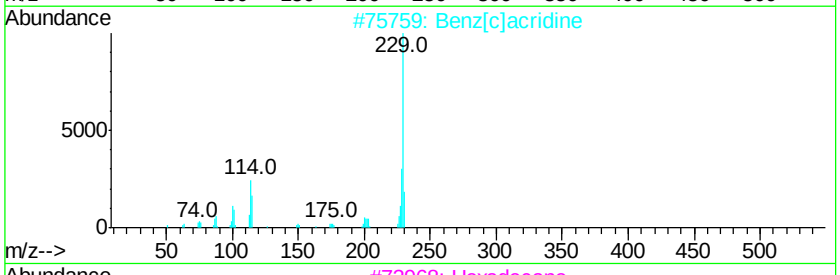
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 6

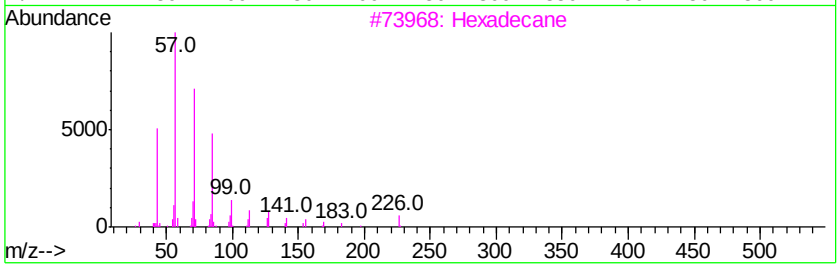
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	4.40 ng/ul	3786410	Chrysene-d12	21.29

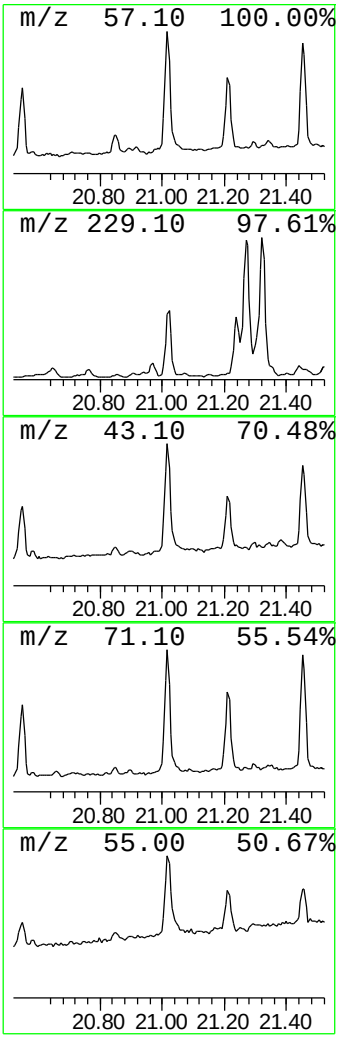
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	81
2	Benz[c]acridine	229	C17H11N	000225-51-4	74
3	Hexadecane	226	C16H34	000544-76-3	56
4	Hexadecane	226	C16H34	000544-76-3	52
5	Tetradecane	198	C14H30	000629-59-4	49











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Sample : J3775-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZQ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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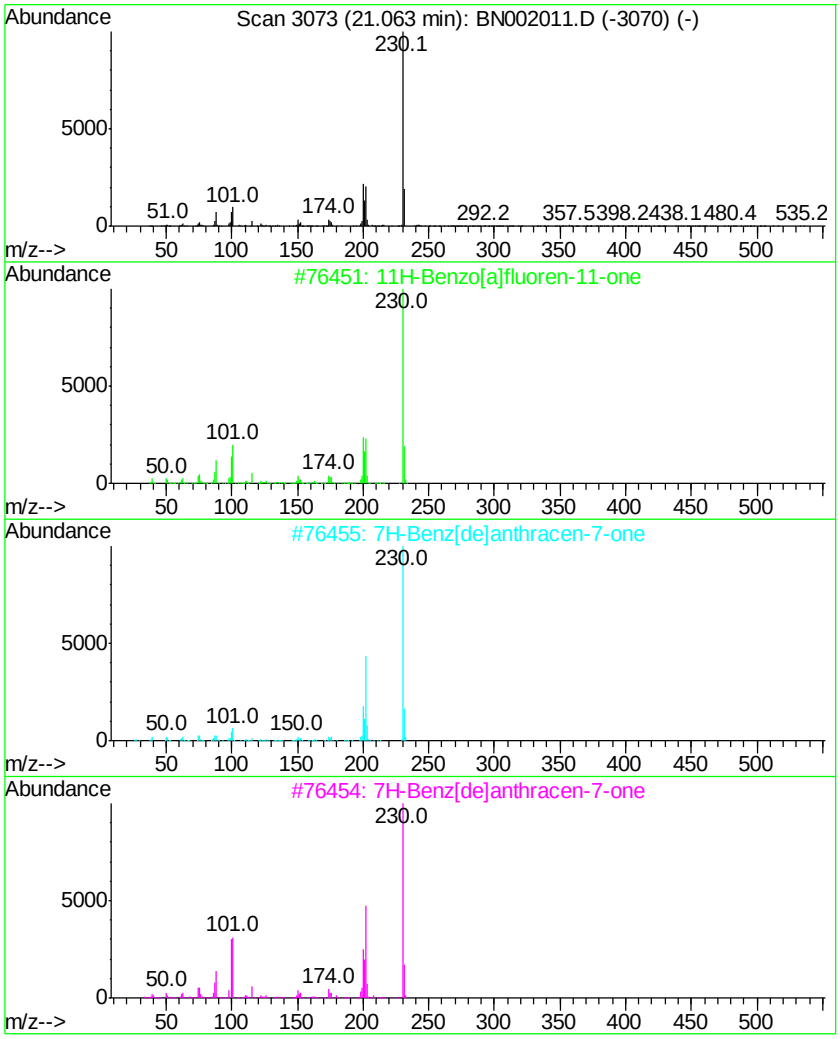
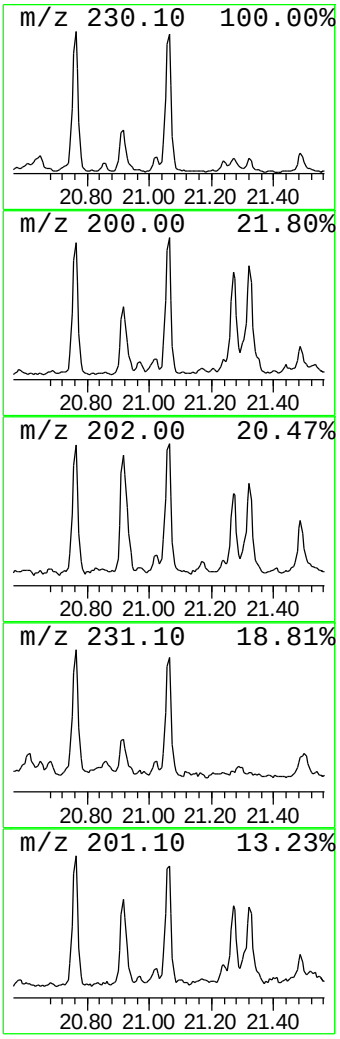
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.28 ng/ul	1961600	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002011.D
Acq On : 11 Jul 2018 15:25
Operator : JU/SJ
Sample : J3775-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZQ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

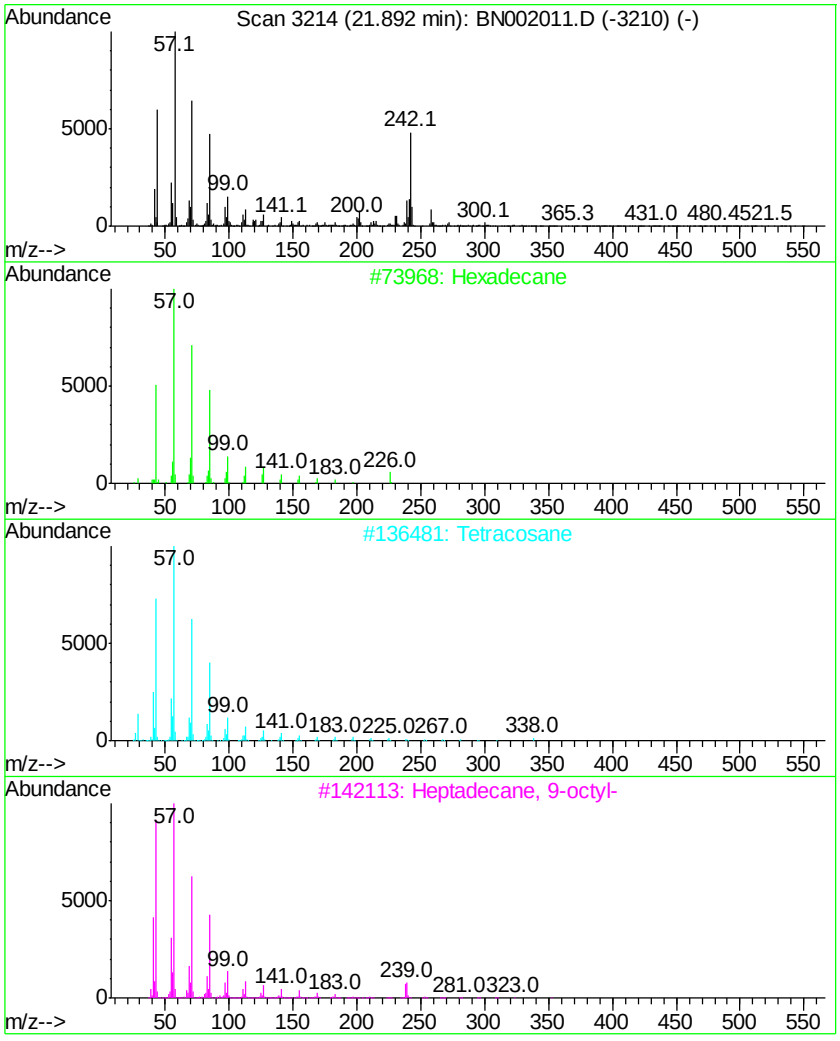
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

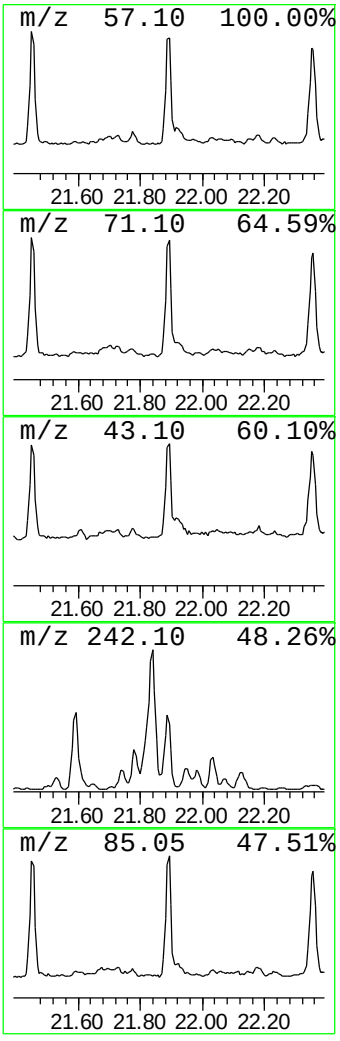
****

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	2.60 ng/ul	2241390	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Tetracosane	338	C24H50	000646-31-1	50
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	46
4	Octadecane	254	C18H38	000593-45-3	45
5	Nonacosane	408	C29H60	000630-03-5	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002011.D
Acq On : 11 Jul 2018 15:25
Operator : JU/SJ
Sample : J3775-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZQ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

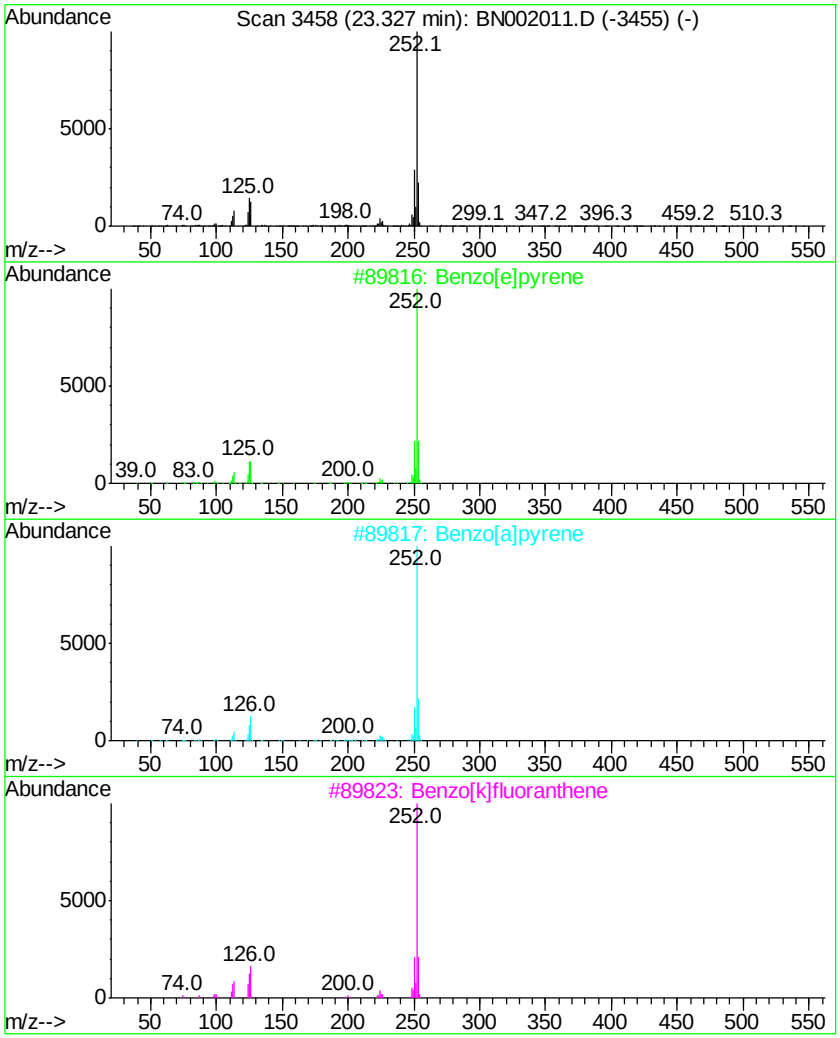
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

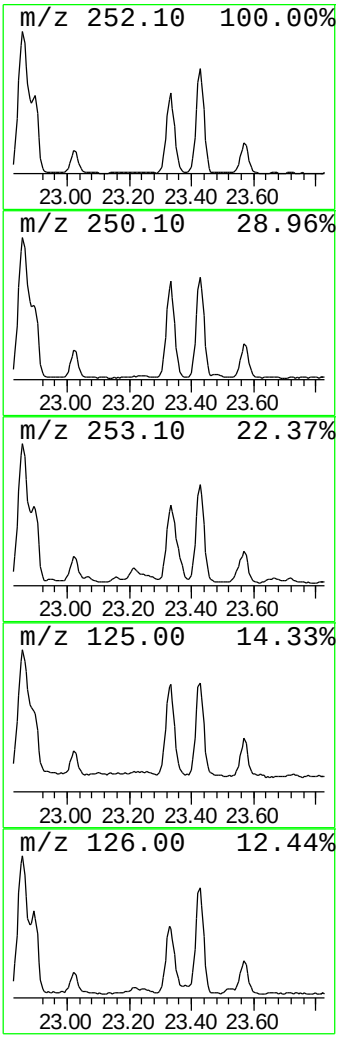
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.33	12.24 ng/ul	2851170	Perylene-d12	23.52

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	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071118\
Data File : BN002011.D
Acq On : 11 Jul 2018 15:25
Operator : JU/SJ
Sample : J3775-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZQ2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	28.4	ng/ul	4015490	1	7.71	2824100	20.0
n-Hexadecanoic acid	18.00	10.3	ng/ul	3736600	4	17.09	7234900	20.0
4H-Cyclopenta[def...	18.16	5.1	ng/ul	1849990	4	17.09	7234900	20.0
Phenanthrene, 2,5...	18.88	3.2	ng/ul	1166140	4	17.09	7234900	20.0
1,1'-Biphenyl, 2,...	18.99	2.5	ng/ul	921941	4	17.09	7234900	20.0
unknown-01	19.02	5.9	ng/ul	2123890	4	17.09	7234900	20.0
1,1'-Biphenyl, 2,...	19.29	4.1	ng/ul	3553700	5	21.29	17217800	20.0
1,1'-Biphenyl, 2,...	19.75	3.5	ng/ul	2970860	5	21.29	17217800	20.0
11H-Benzo[a]fluorene	20.01	3.0	ng/ul	2579740	5	21.29	17217800	20.0
1,1'-Biphenyl, 2'...	20.06	2.8	ng/ul	2434560	5	21.29	17217800	20.0
1,1'-Biphenyl, 3,...	20.29	2.3	ng/ul	2005070	5	21.29	17217800	20.0
1,1'-Biphenyl, 2,...	20.61	3.1	ng/ul	2697360	5	21.29	17217800	20.0
Benzo[b]naphtho[2...	20.92	2.8	ng/ul	2374930	5	21.29	17217800	20.0
(DEL) Alkane: Str...	21.02	4.4	ng/ul	3786410	5	21.29	17217800	20.0
11H-Benzo[a]fluor...	21.06	2.3	ng/ul	1961600	5	21.29	17217800	20.0
(DEL) Alkane: Str...	21.89	2.6	ng/ul	2241390	5	21.29	17217800	20.0
Benzo[e]pyrene	23.33	12.2	ng/ul	2851170	6	23.52	4660330	20.0