LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002021.D
Acq On : 11 Jul 2018 21:18
Operator : JU/SJ
Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP6

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	3.022	3	6	11	rVB	810486	984311	4.88%	0.406%
2	3.605	100	105	111	rVB	213606	296031	1.47%	0.122%
3	3.769	129	133	138	rBV	124948	169204	0.84%	0.070%
4	5.393	403	409	420	rBV	216142	383167	1.90%	0.158%
5	5.757	464	471	477	rBV	91392	157144	0.78%	0.065%
6	6.904	655	666	682	rVB	629933	1222054	6.05%	0.504%
7	7.057	684	692	698	rBV	499825	802085	3.97%	0.331%
8	7.257	719	726	736	rVB	649932	1080327	5.35%	0.445%
9	7.716	795	804	813	rBV	2346349	3792965	18.79%	1.563%
10	8.428	918	925	931	rBV	720369	1192183	5.91%	0.491%
11	8.863	993	999	1009	rBV	618006	997280	4.94%	0.411%
12	9.581	1112	1121	1127	rBV	495111	868364	4.30%	0.358%
13	9.910	1171	1177	1184	rVB	154759	271589	1.35%	0.112%
14	10.122	1203	1213	1222	rBV	829370	1415909	7.01%	0.583%
15	10.492	1266	1276	1282	rBV	3355234	5777071	28.62%	2.381%
16	10.628	1293	1299	1312	rVB	116053	244226	1.21%	0.101%
17	13.669	1808	1816	1821	rVV2	84035	158590	0.79%	0.065%
18	13.757	1826	1831	1835	rVV	1462179	2001176	9.91%	0.825%
19	13.804	1835	1839	1849	rVB	450226	655245	3.25%	0.270%
20	14.039	1868	1879	1894	rBV	1702246	2785789	13.80%	1.148%
21	14.345	1921	1931	1938	rBV2	4641952	7488609	37.09%	3.086%
22	14.410	1938	1942	1950	rVV	373823	579558	2.87%	0.239%
23	14.569	1961	1969	1979	rBV2	608995	1131674	5.61%	0.466%
24	14.745	1995	1999	2008	rVV	252613	449215	2.23%	0.185%
25	14.827	2008	2013	2018	rVB	101708	148405	0.74%	0.061%
26	14.969	2030	2037	2042	rBV	96294	188789	0.94%	0.078%
27	15.022	2042	2046	2050	rBV	104312	147450	0.73%	0.061%
28	15.145	2059	2067	2069	rBV2	96162	213741	1.06%	0.088%
29	15.210	2075	2078	2086	rVB	126707	165501	0.82%	0.068%
30	15.339	2095	2100	2106	rVV	2100624	3225648	15.98%	1.329%
31	15.398	2106	2110	2119	rVB	356329	588515	2.92%	0.243%
32	15.474	2119	2123	2128	rBV3	209057	333518	1.65%	0.137%
33	15.569	2134	2139	2143	rBV5	117835	223444	1.11%	0.092%
34	15.692	2155	2160	2170	rVB2	221835	442317	2.19%	0.182%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP6

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

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

35	15.839	2181	2185	2194	rVB	208998	423420	2.10%	0.174%
36	15.927	2194	2200	2208	rVB6	95679	252524	1.25%	0.104%
37	16.074	2219	2225	2238	rVB3	353009	804351	3.98%	0.331%
38	16.180	2239	2243	2247	rBV2	122909	214251	1.06%	0.088%
39	16.404	2271	2281	2286	rBV3	177798	449420	2.23%	0.185%
40	16.451	2286	2289	2295	rVB3	115844	166134	0.82%	0.068%
41	16.604	2311	2315	2317	rBV4	97239	128982	0.64%	0.053%
42	16.633	2317	2320	2322	rVV2	132504	175571	0.87%	0.072%
43	16.692	2324	2330	2335	rVV	2510538	3342142	16.55%	1.377%
44	16.751	2336	2340	2347	rVB	400188	566639	2.81%	0.234%
45	16.833	2349	2354	2356	rVV3	169492	315189	1.56%	0.130%
46	16.863	2357	2359	2364	rVV3	282626	488077	2.42%	0.201%
47	16.916	2364	2368	2371	rVV	467399	731513	3.62%	0.301%
48	16.945	2371	2373	2381	rVB2	220290	299966	1.49%	0.124%
49	17.098	2393	2399	2402	rBV	5448613	8025926	39.76%	3.307%
50	17.139	2402	2406	2411	rVV	8574767	12109722	59.98%	4.990%
51	17.192	2411	2415	2418	rVV2	2235170	3297286	16.33%	1.359%
52	17.227	2418	2421	2426	rVV	2320156	3063246	15.17%	1.262%
53	17.286	2426	2431	2436	rVB5	238077	392685	1.95%	0.162%
54	17.474	2459	2463	2464	rBV	175322	232831	1.15%	0.096%
55	17.498	2464	2467	2471	rVB	577861	769727	3.81%	0.317%
56	17.616	2483	2487	2492	rVB3	235304	332205	1.65%	0.137%
57	17.704	2494	2502	2507	rBV	3823897	6087703	30.15%	2.509%
58	17.974	2544	2548	2550	rBV	890581	1083286	5.37%	0.446%
59	18.016	2550	2555	2560	rVB2	1860786	3217040	15.94%	1.326%
60	18.068	2560	2564	2567	rBV	1924330	2314117	11.46%	0.954%
61	18.098	2567	2569	2574	rVB	633247	773507	3.83%	0.319%
62	18.168	2575	2581	2585	rBV2	2553238	4479667	22.19%	1.846%
63	18.204	2585	2587	2595	rVB2	908647	1333520	6.61%	0.550%
64	18.274	2596	2599	2604	rBV6	242606	468950	2.32%	0.193%
65	18.474	2626	2633	2637	rBV	1127056	1916133	9.49%	0.790%
66	18.515	2637	2640	2645	rVB2	640031	874227	4.33%	0.360%
67	18.598	2651	2654	2656	rBV2	217083	235893	1.17%	0.097%
68	18.627	2656	2659	2663	rVB2	341168	397116	1.97%	0.164%
69	18.721	2673	2675	2679	rVB3	393455	460580	2.28%	0.190%
70	18.827	2688	2693	2700	rBV	3326735	5009690	24.81%	2.064%
71	18.898	2701	2705	2709	rVV	883954	1773002	8.78%	0.731%

LSC Area Percent Report

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Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP6

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

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

72	18.945	2710	2713	2717	rVV4	800616	1512429	7.49%	0.623%
73	18.992	2718	2721	2723	rVV2	1682373	2218188	10.99%	0.914%
74	19.027	2723	2727	2735	rVB3	2205858	4576250	22.67%	1.886%
75	19.163	2744	2750	2756	rVB	14241724	20188315	100.00%	8.319%
76	19.221	2756	2760	2764	rBV2	2570234	3446285	17.07%	1.420%
77	19.304	2770	2774	2779	rVB	3044860	3951237	19.57%	1.628%
78	19.368	2781	2785	2789	rBV3	1105182	1433980	7.10%	0.591%
79	19.498	2801	2807	2809	rBV2	4707414	7603753	37.66%	3.133%
80	19.527	2809	2812	2817	rVB	10545247	13477278	66.76%	5.554%
81	19.645	2828	2832	2837	rVB4	1471344	2046853	10.14%	0.843%
82	19.704	2838	2842	2845	rVV	1017177	1535548	7.61%	0.633%
83	19.757	2846	2851	2857	rVB2	3267645	4767105	23.61%	1.964%
84	19.868	2863	2870	2873	rBV3	708341	1695814	8.40%	0.699%
85	20.015	2892	2895	2900	rVB3	2362408	3338134	16.53%	1.376%
86	20.068	2900	2904	2909	rBV	2619706	3264759	16.17%	1.345%
87	20.298	2940	2943	2946	rBV	1559118	1657426	8.21%	0.683%
88	20.374	2954	2956	2962	rVB2	1373309	1492452	7.39%	0.615%
89	20.433	2963	2966	2972	rVV	1099847	1513024	7.49%	0.624%
90	20.615	2994	2997	3004	rVB	2177104	2995188	14.84%	1.234%
91	20.774	3020	3024	3030	rVB	1639922	2271988	11.25%	0.936%
92	20.921	3045	3049	3056	rBV2	4887619	7083612	35.09%	2.919%
93	21.021	3063	3066	3071	rBV2	1111488	1786375	8.85%	0.736%
94	21.074	3072	3075	3082	rVB	1324300	2009877	9.96%	0.828%
95	21.215	3096	3099	3103	rBV	4105625	4637358	22.97%	1.911%
96	21.286	3106	3111	3116	rVV3	6617629	13643661	67.58%	5.622%
97	21.333	3116	3119	3127	rVB	4312711	5946654	29.46%	2.451%
98	22.868	3376	3380	3386	rBV2	2977693	6322735	31.32%	2.606%
99	23.439	3474	3477	3485	rVB	2485807	4332560	21.46%	1.785%
100	23.539	3490	3494	3499	rVB	2511660	4329061	21.44%	1.784%

Sum of corrected areas: 242665231

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
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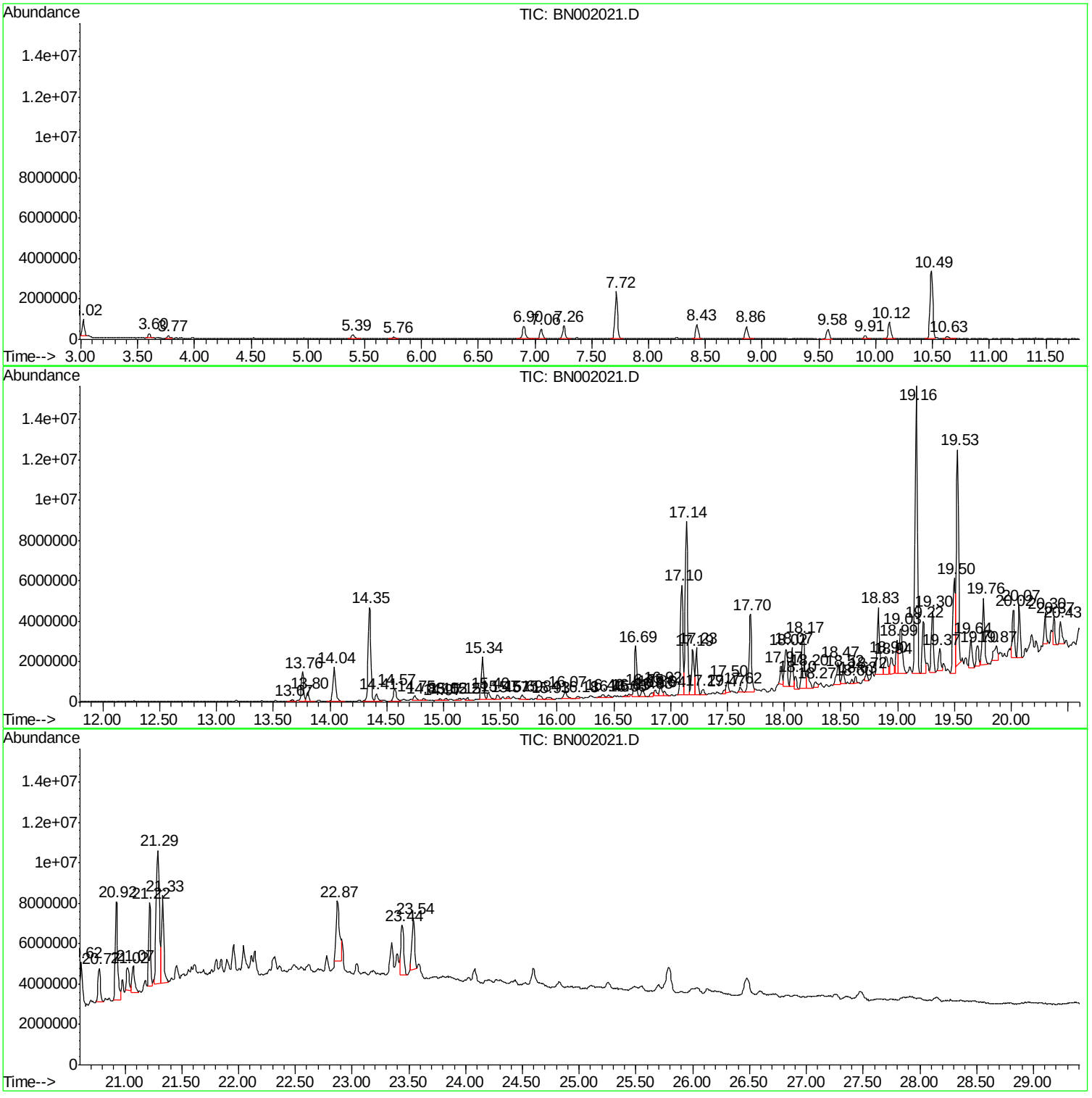
Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAZP6

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002021.D
Acq On : 11 Jul 2018 21:18
Operator : JU/SJ
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Instrument : BNA_N
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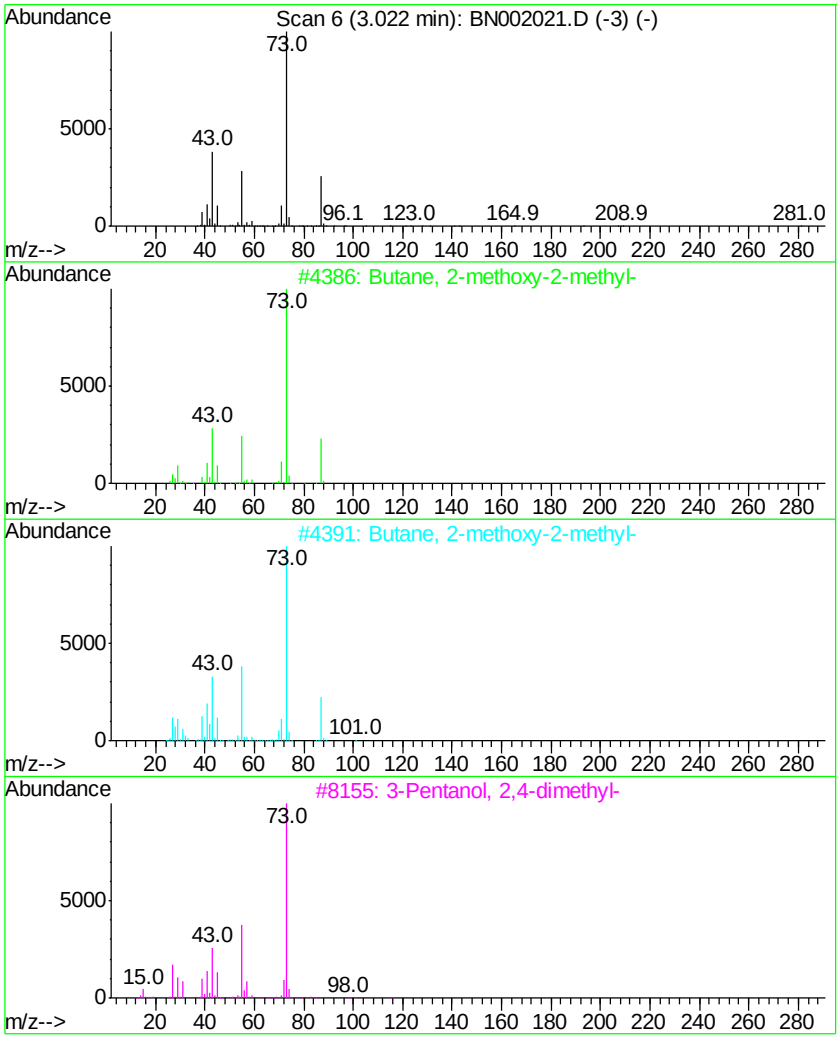
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

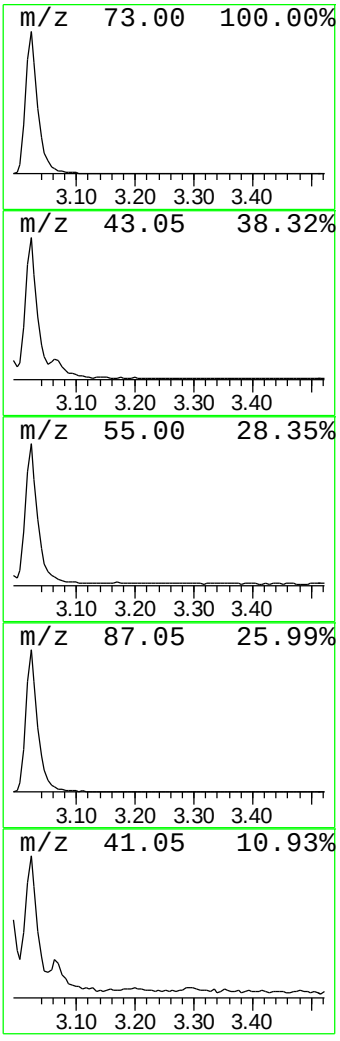
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	5.19 ng/ul	984311	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002021.D
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Operator : JU/SJ
Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP6

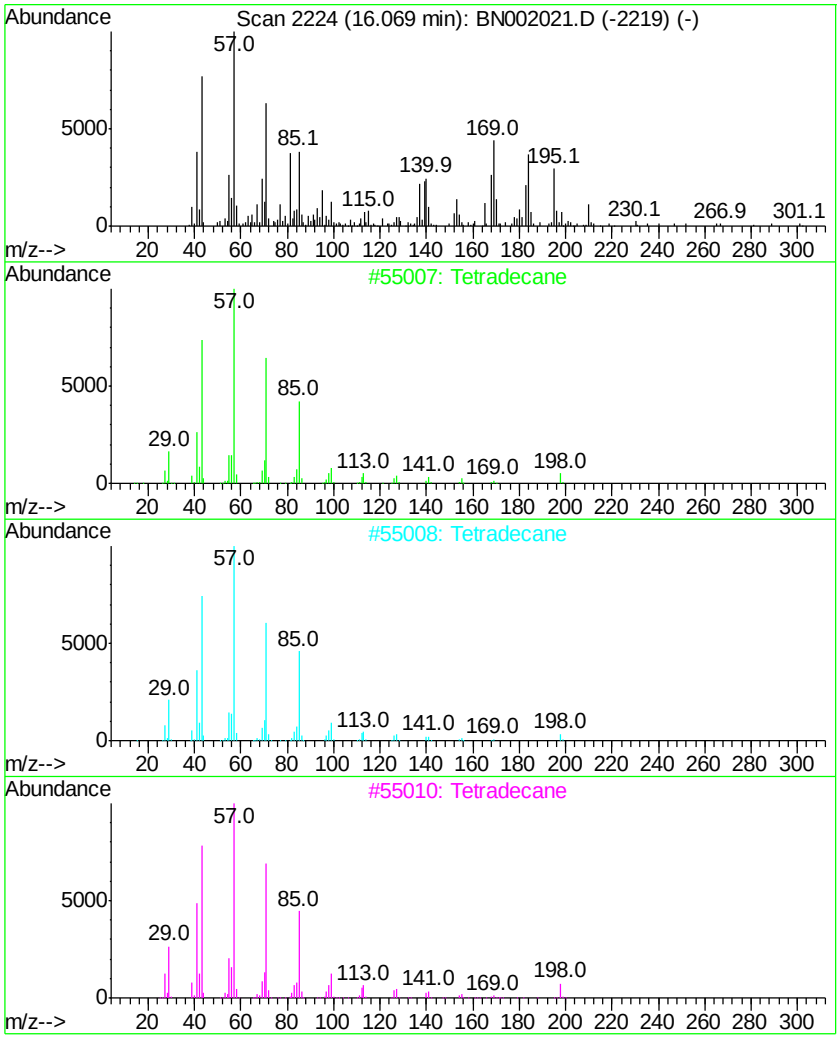
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

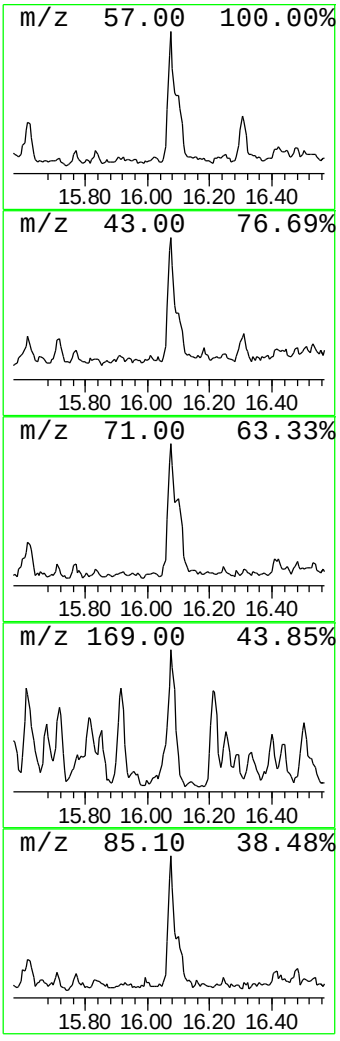
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	2.00 ng/ul	804351	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	78
2	Tetradecane	198	C14H30	000629-59-4	78
3	Tetradecane	198	C14H30	000629-59-4	43
4	Dodecane	170	C12H26	000112-40-3	38
5	Dodecane	170	C12H26	000112-40-3	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002021.D
Acq On : 11 Jul 2018 21:18
Operator : JU/SJ
Sample : J3775-07 5X
Misc :
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Instrument : BNA_N
ClientSampleId : DAZP6

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

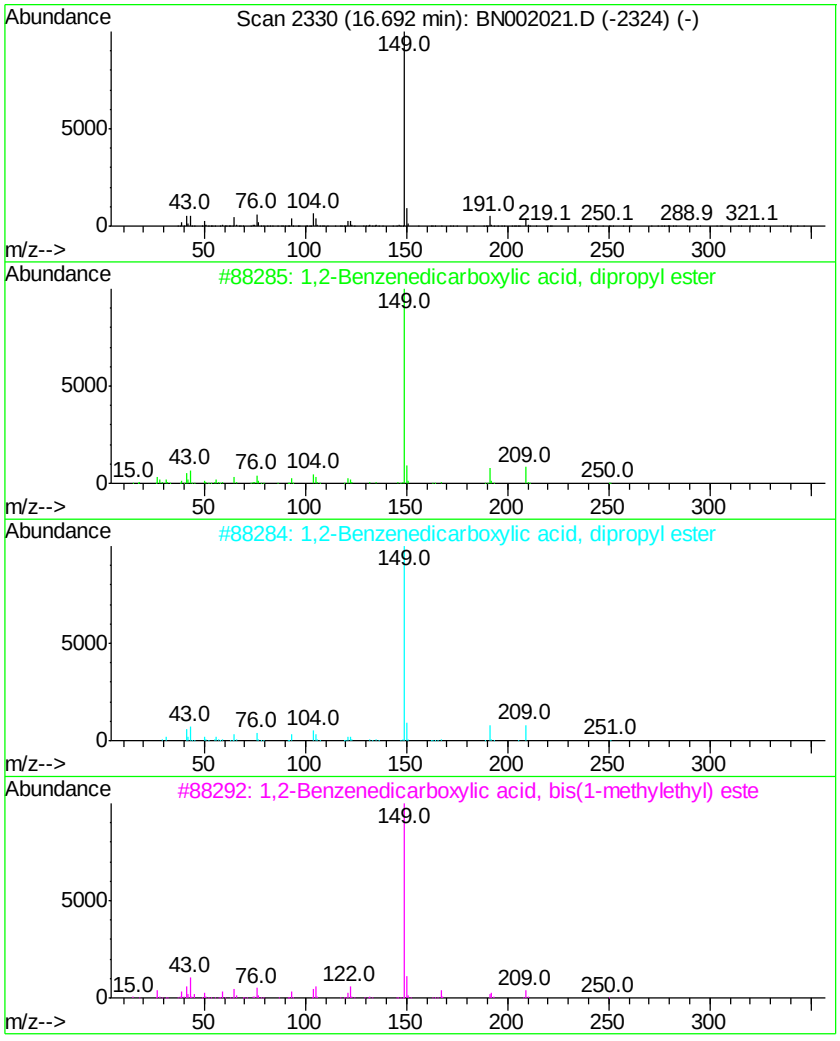
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

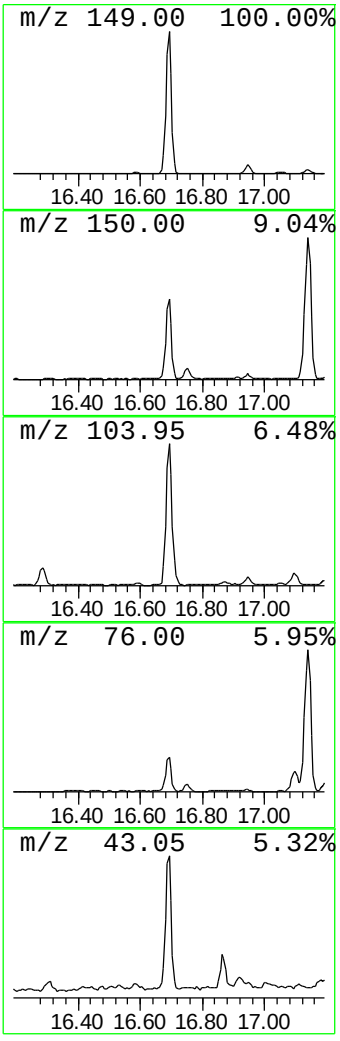
****

Peak Number 4 1,2-Benzenedicarboxylic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	8.33 ng/ul	3342140	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	83
2	1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	83
3	1,2-Benzenedicarboxylic acid, bi...	250	C14H18O4	000605-45-8	78
4	1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	64
5	1,2-Benzenedicarboxylic acid, bi...	250	C14H18O4	000605-45-8	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002021.D
Acq On : 11 Jul 2018 21:18
Operator : JU/SJ
Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP6

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

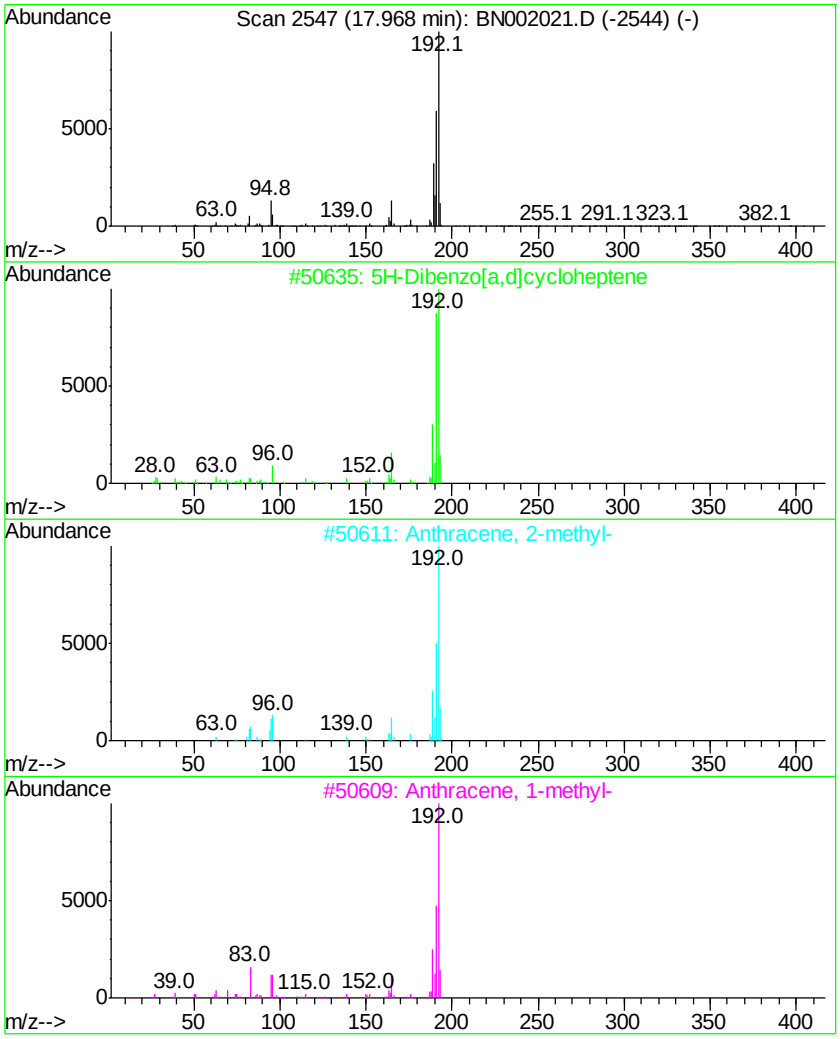
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

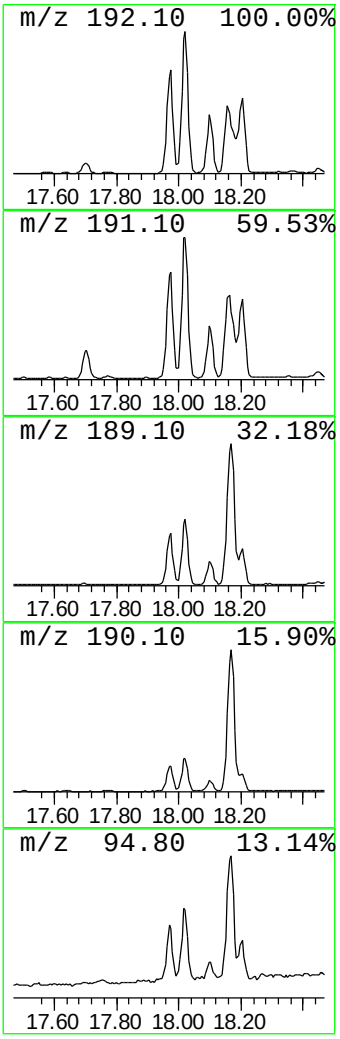
****

Peak Number 6 5H-Dibenzo[a,d]cycloheptene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.70 ng/ul	1083290	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	76
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002021.D
Acq On : 11 Jul 2018 21:18
Operator : JU/SJ
Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP6

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

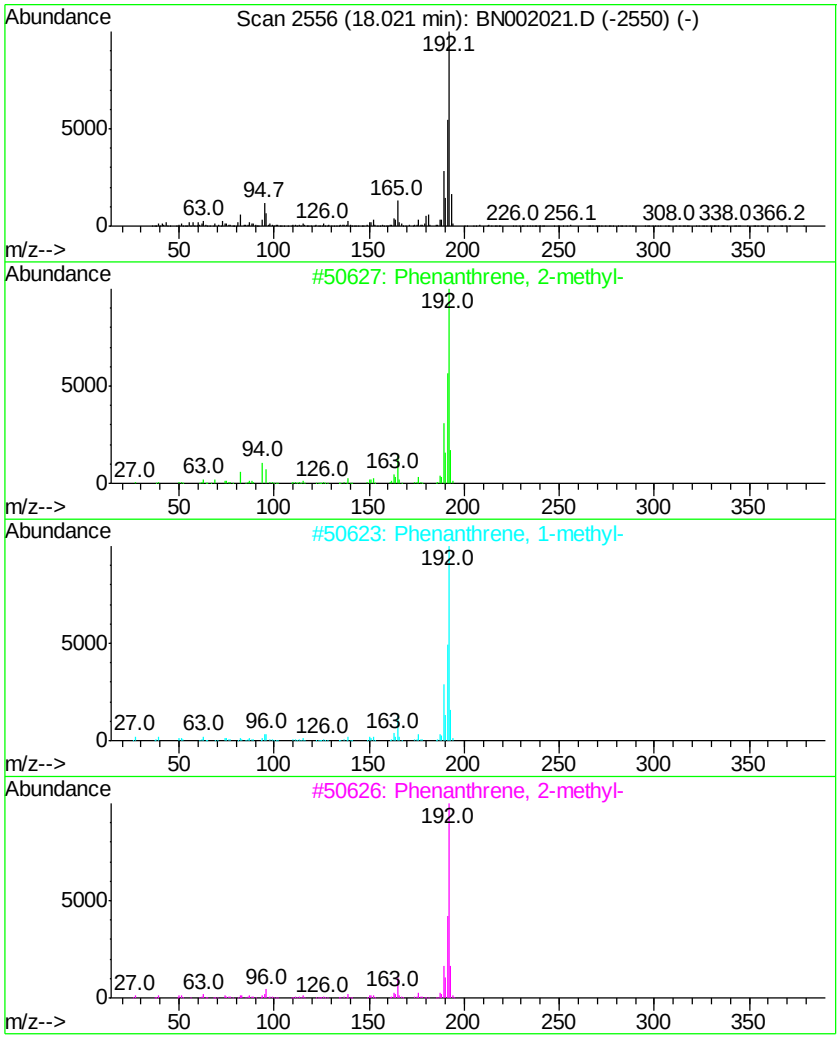
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

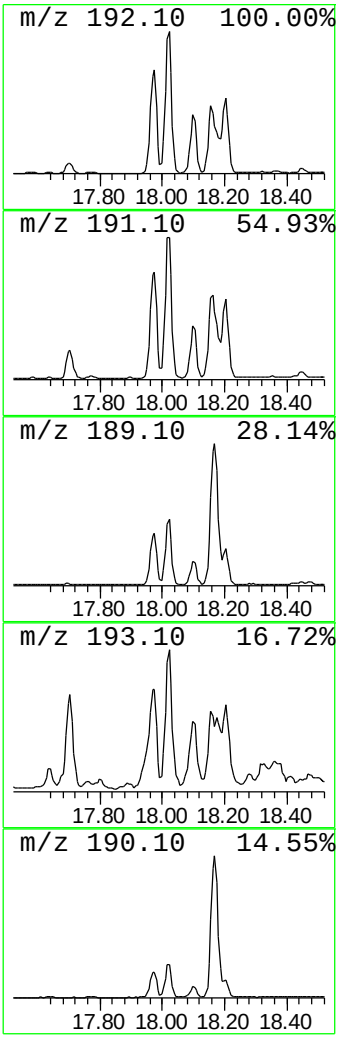
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	8.02 ng/ul	3217040	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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Acq On : 11 Jul 2018 21:18
Operator : JU/SJ
Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP6

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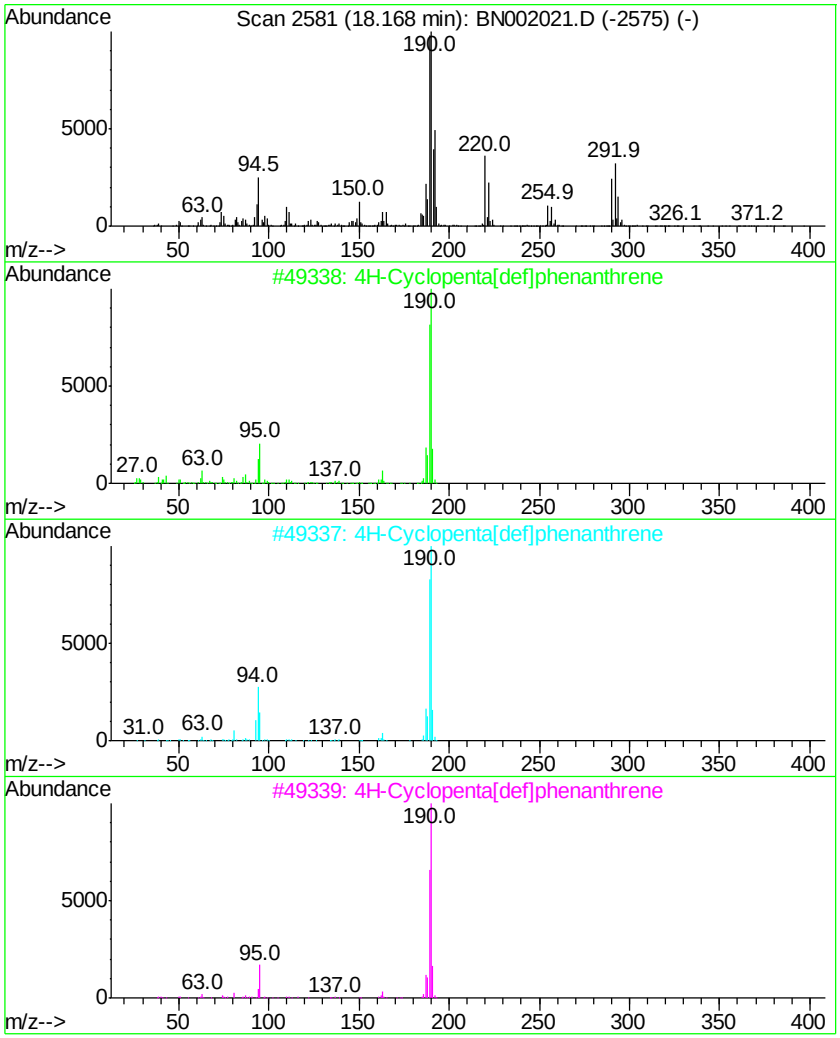
Quant Title : SVOA CALIBRATION

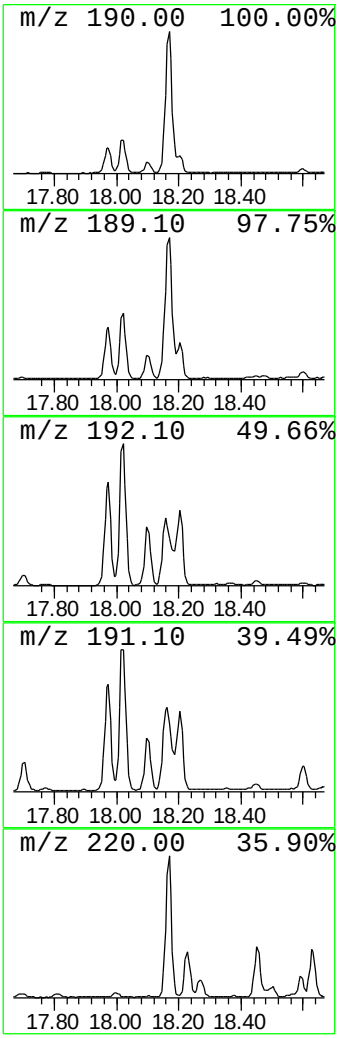
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	11.16 ng/ul	4479670	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	32
5	1-Phenanthrylene oxide	220	C16H12O	026698-45-3	18





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Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP6

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Quant Title : SVOA CALIBRATION

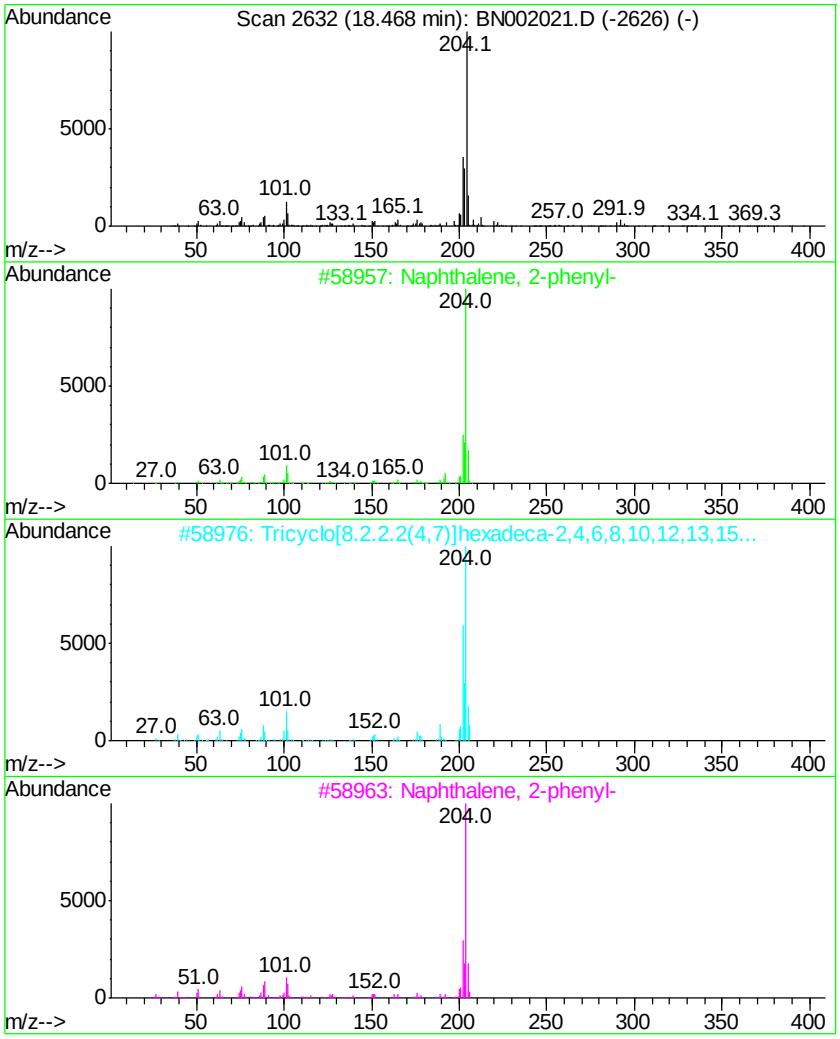
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

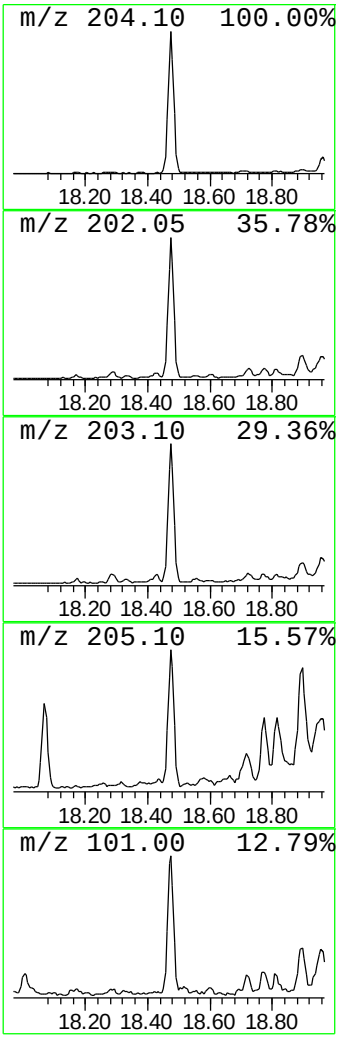
****

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	4.77 ng/ul	1916130	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5	2-Phenylnaphthalene	204	C16H12	035465-71-5	81





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Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP6

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Quant Title : SVOA CALIBRATION

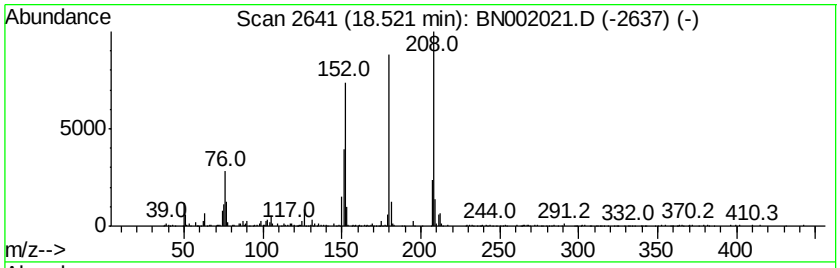
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

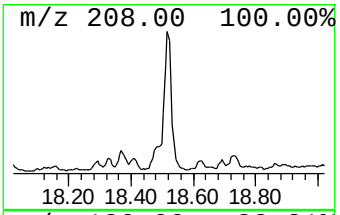
****

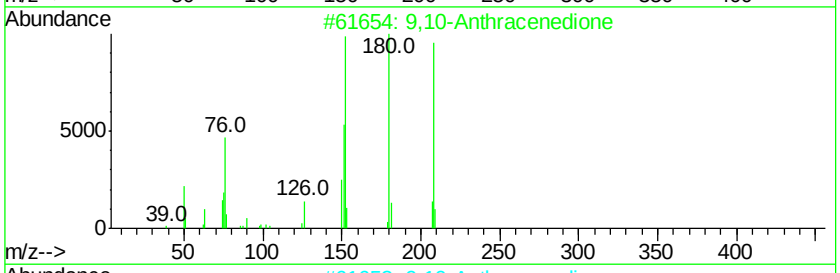
Peak Number 11 9,10-Anthracenedione Concentration Rank 29

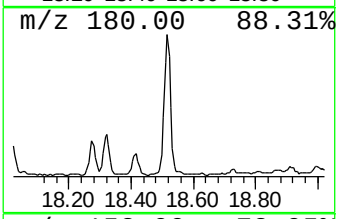
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	2.18 ng/ul	874227	Phenanthrene-d10	17.10

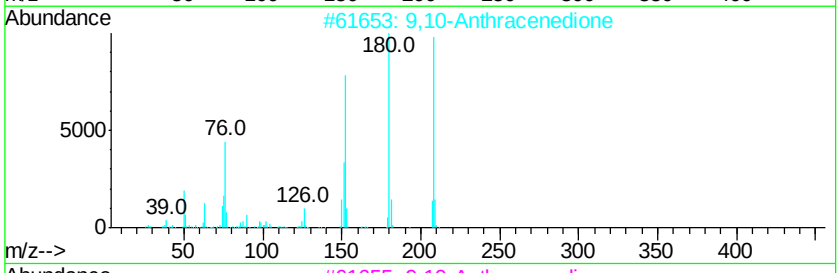
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64

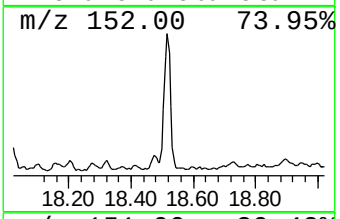


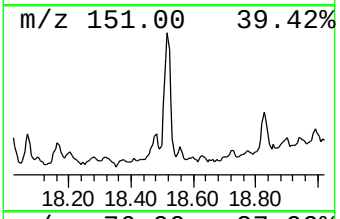


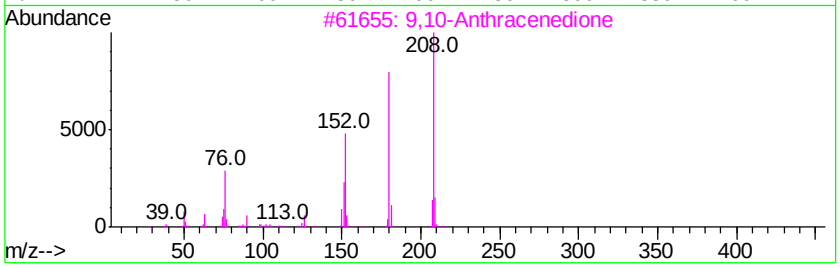


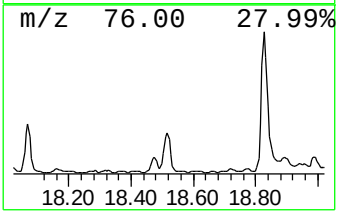












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Acq On : 11 Jul 2018 21:18
Operator : JU/SJ
Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP6

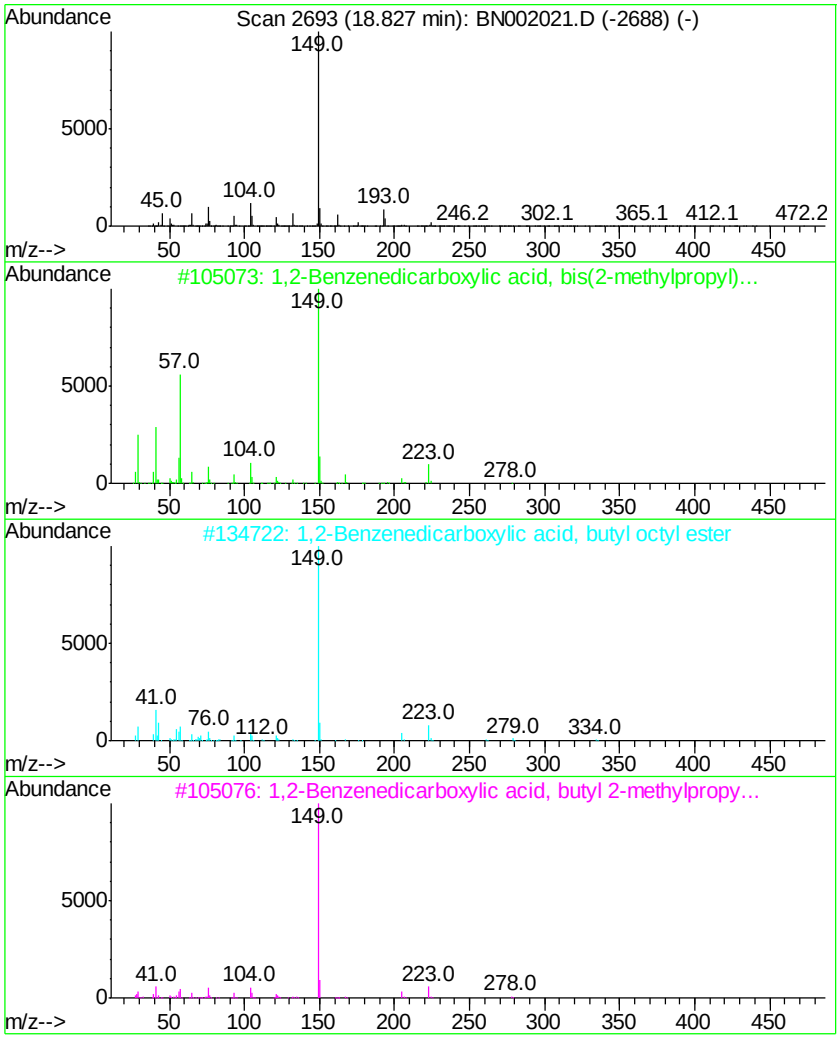
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

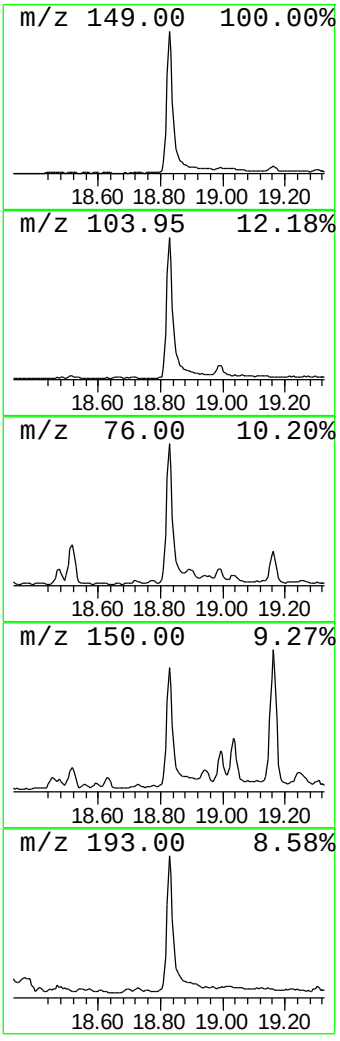
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,2-Benzenedicarboxylic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	12.48 ng/ul	5009690	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	72
2	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	64
3	1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	64
4	Dibutyl phthalate	278	C16H22O4	000084-74-2	64
5	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	64





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Operator : JU/SJ
Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP6

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Quant Title : SVOA CALIBRATION

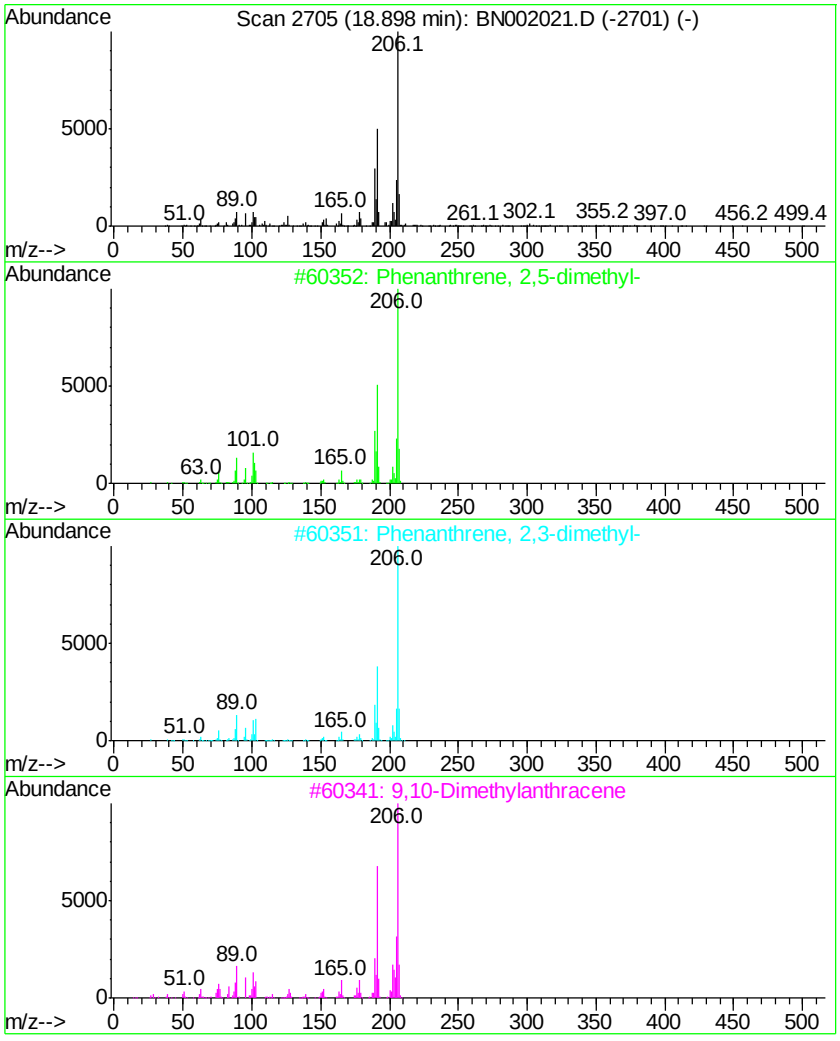
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

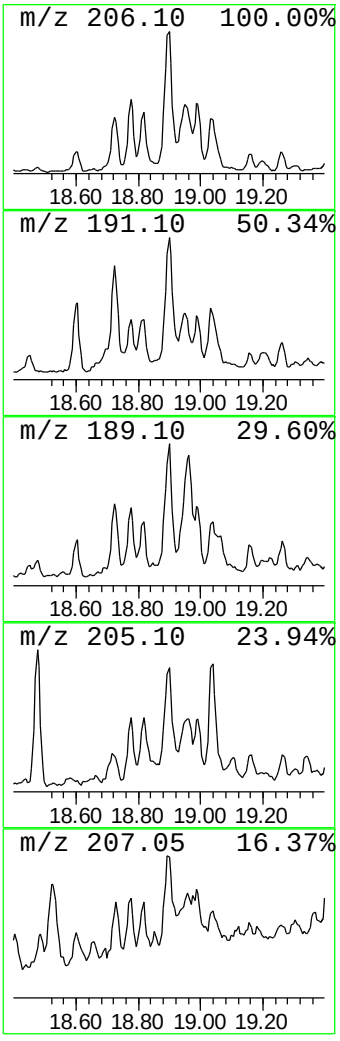
****

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	4.42 ng/ul	1773000	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





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Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP6

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Quant Title : SVOA CALIBRATION

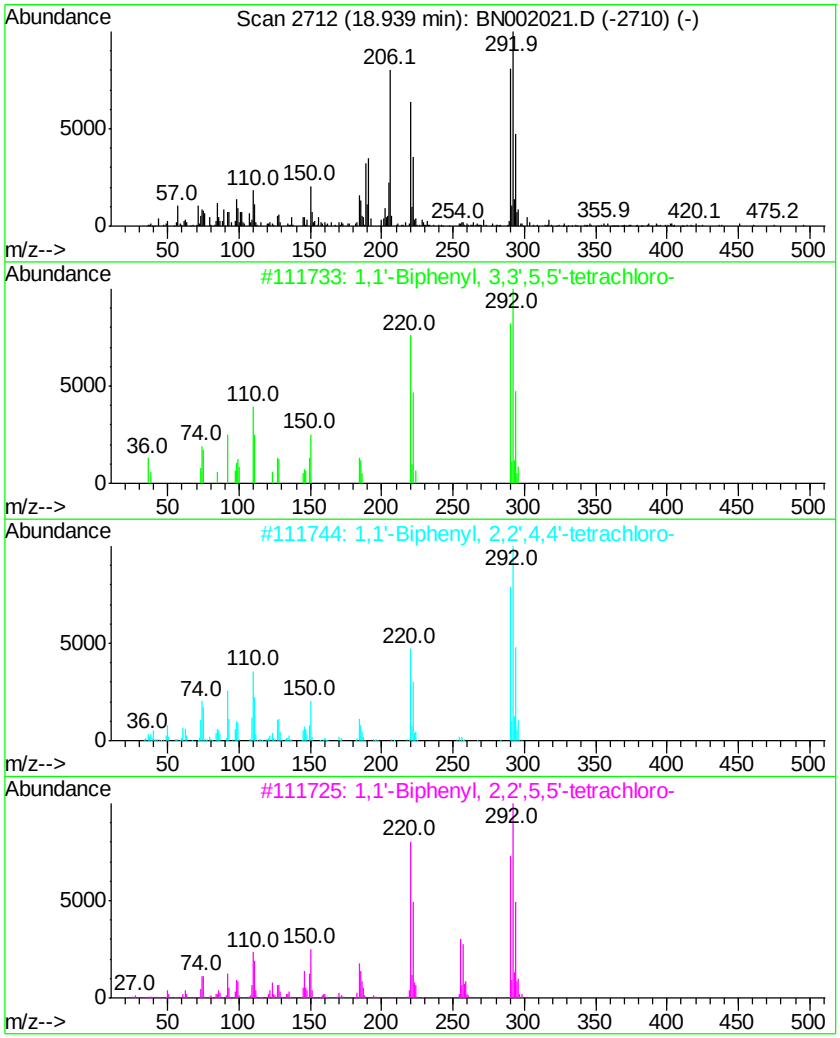
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

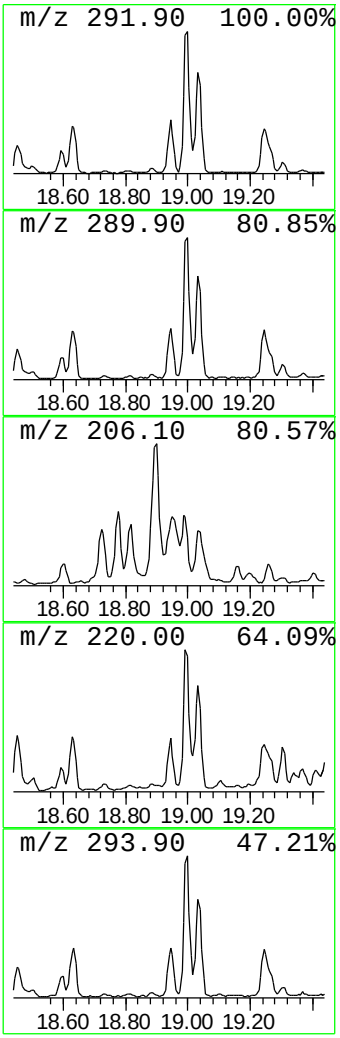
****

Peak Number 14 1,1'-Biphenyl, 3,3',5,5'-te... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	3.77 ng/ul	1512430	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	93
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	93
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	93
4	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	92
5	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	91





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

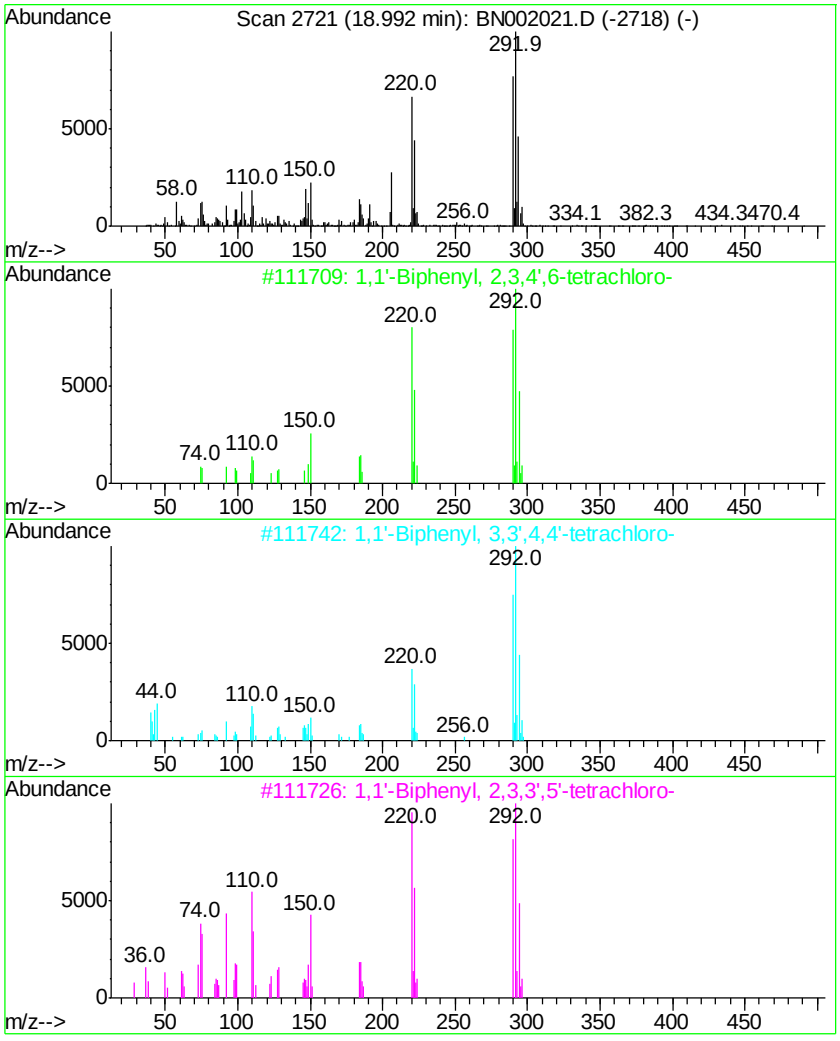
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

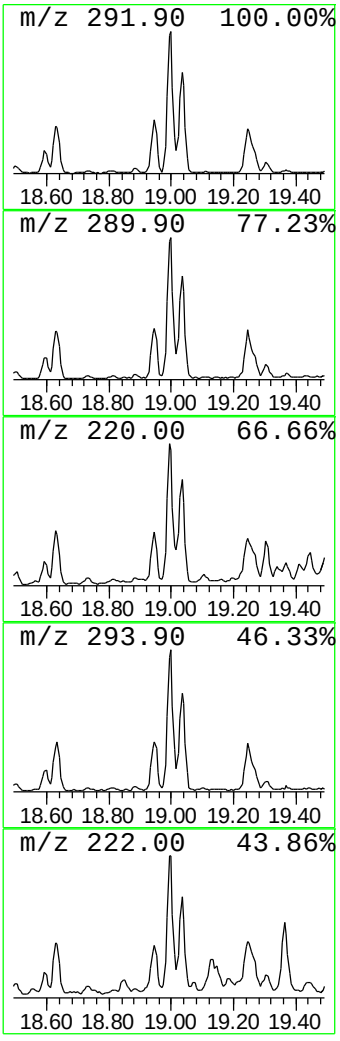
****

Peak Number 15 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	5.53 ng/ul	2218190	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
4	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
5	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99





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Instrument : BNA_N
ClientSampleId : DAZP6

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Quant Title : SVOA CALIBRATION

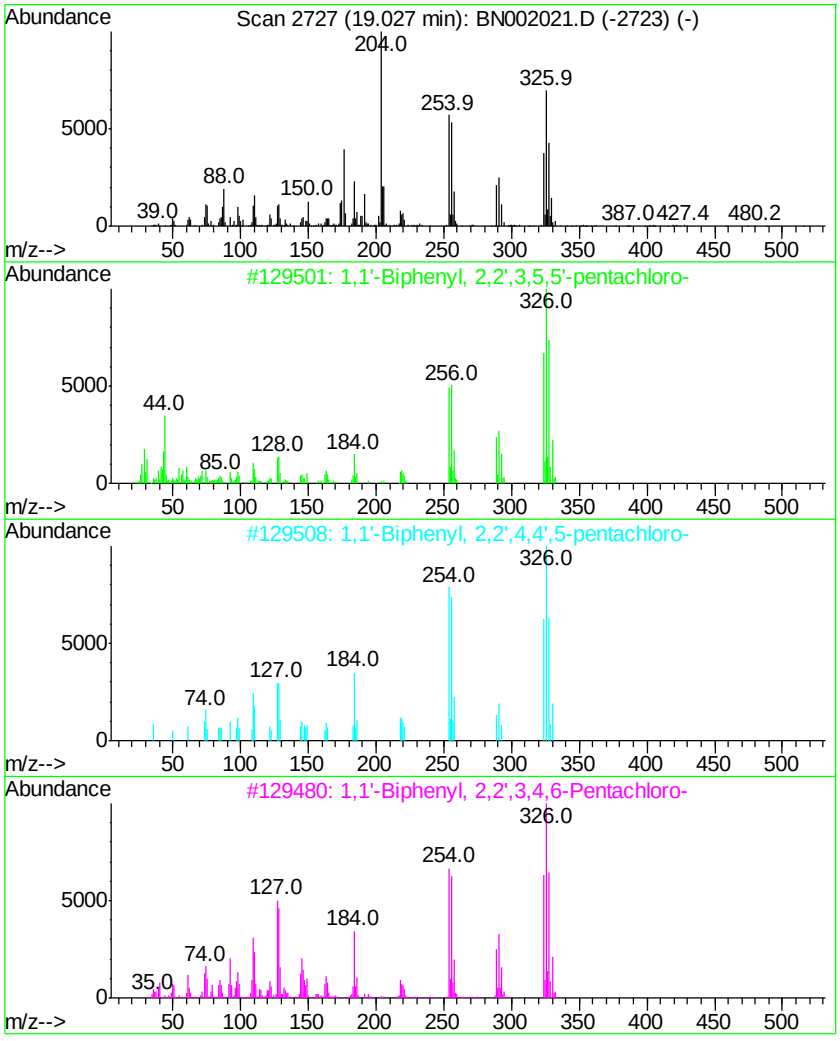
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

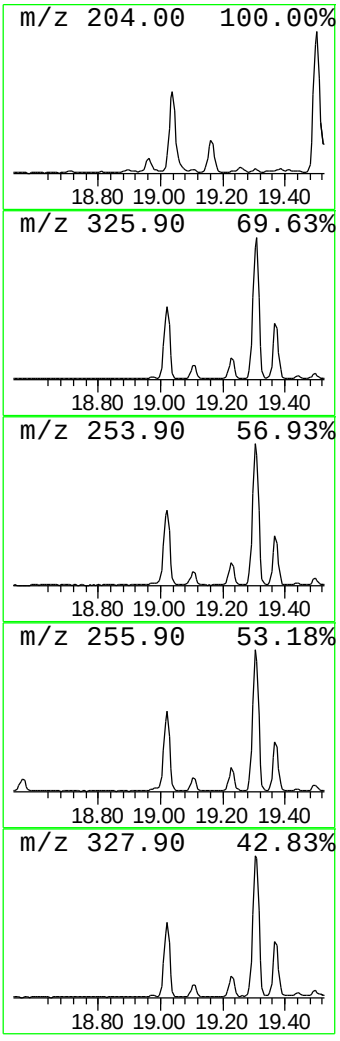
****

Peak Number 16 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	11.40 ng/ul	4576250	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96
3	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	94
4	1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	94
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	92





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Quant Title : SVOA CALIBRATION

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

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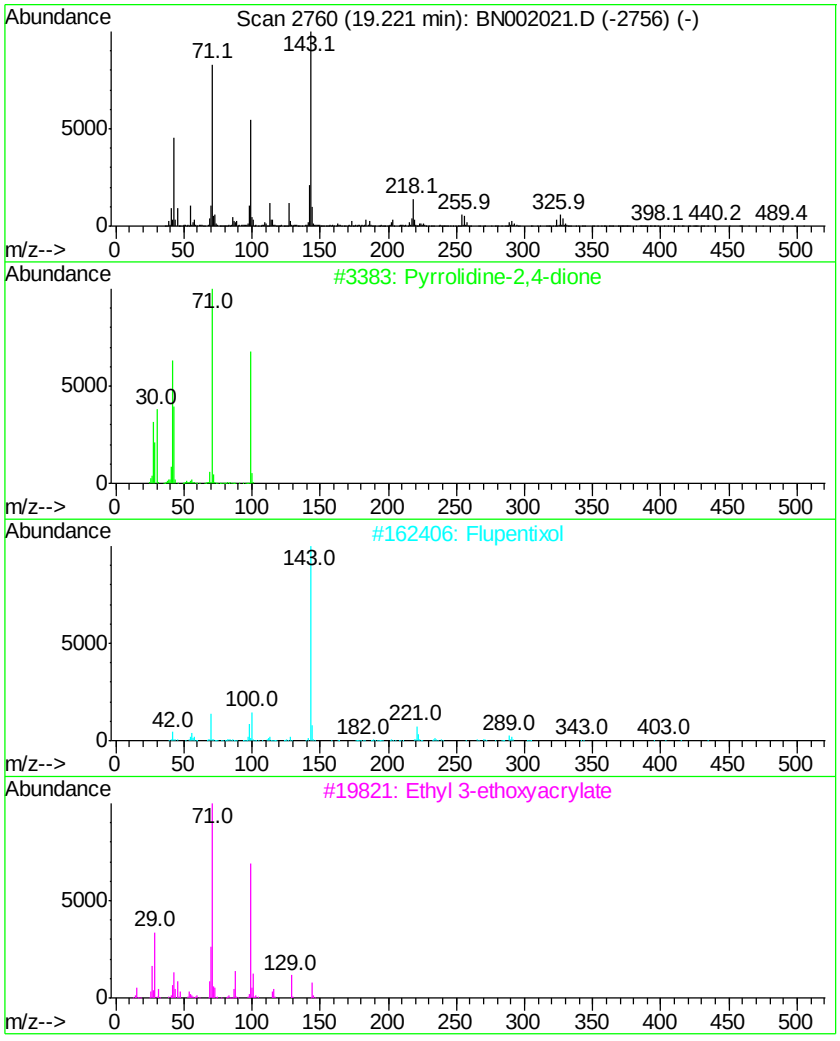
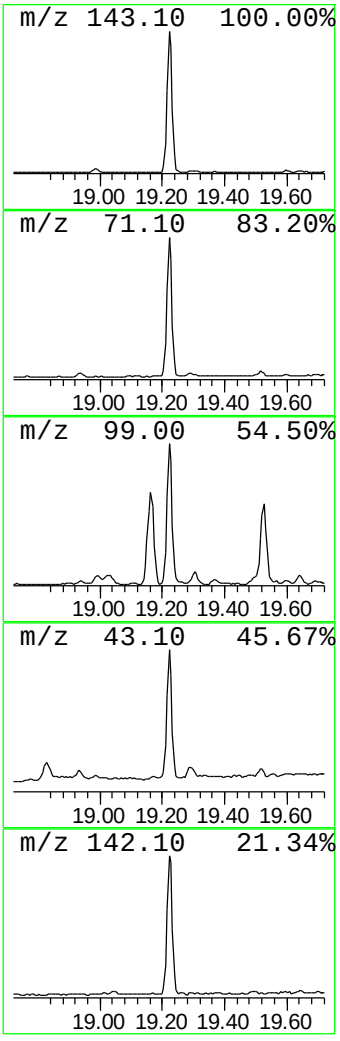
Peak Number 17 Pyrrolidine-2,4-dione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	5.05 ng/ul	3446290	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolidine-2,4-dione	99	C4H5NO2	037772-89-7	38
2	Flupentixol	434	C23H25F3N2OS	002709-56-0	38
3	Ethyl 3-ethoxyacrylate	144	C7H12O3	001001-26-9	38
4	Hexanethioic acid, S-decyl ester	272	C16H32OS	002432-81-7	35
5	p-Nitrophenyl hexanoate	237	C12H15NO4	000956-75-2	35





Library Search Compound Report

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Misc :
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Instrument : BNA_N
ClientSampleId : DAZP6

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 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	5.79 ng/ul	3951240	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
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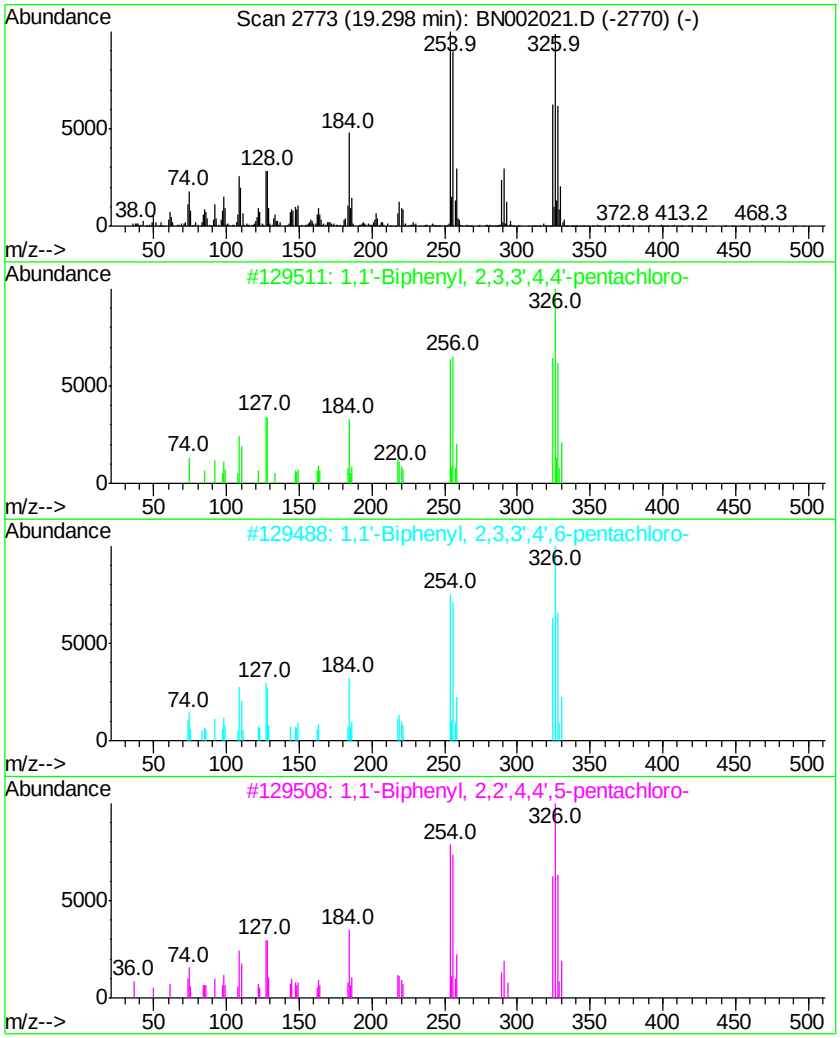

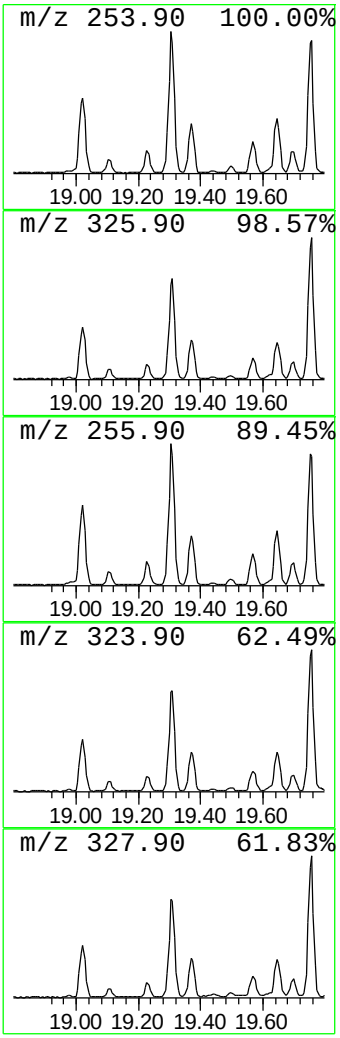

Library Search Compound Report

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Acq On : 11 Jul 2018 21:18
Operator : JU/SJ
Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP6

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Quant Title : SVOA CALIBRATION

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

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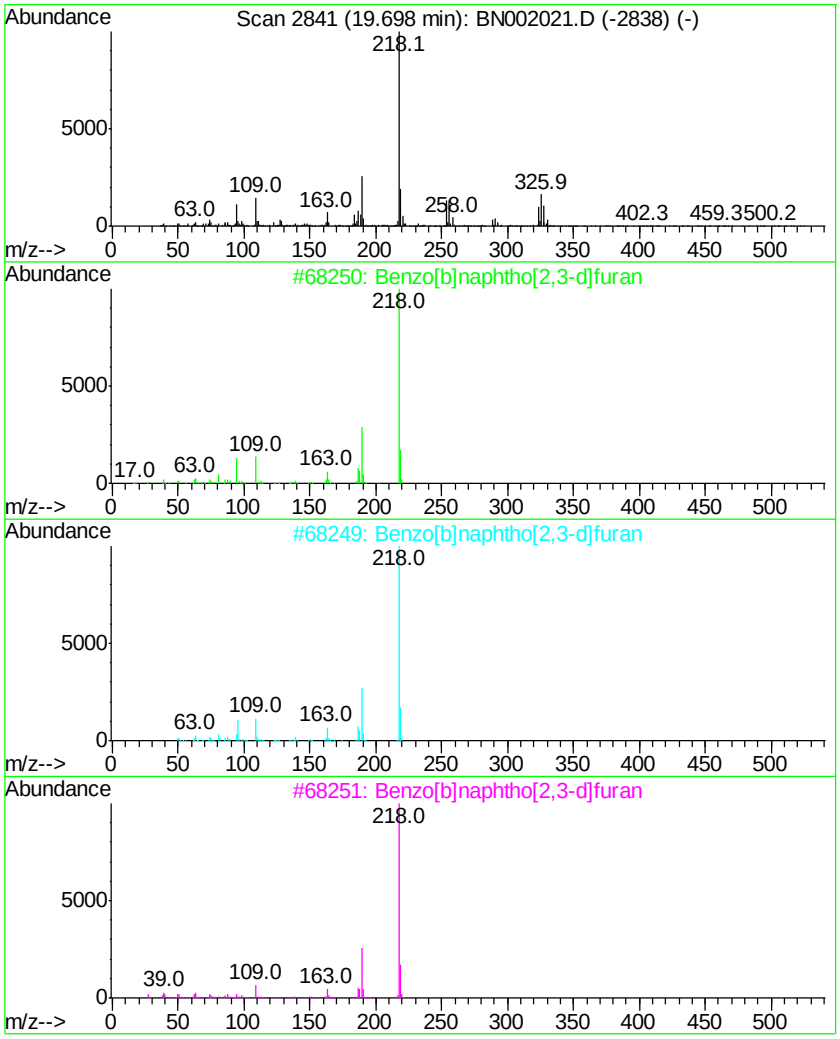
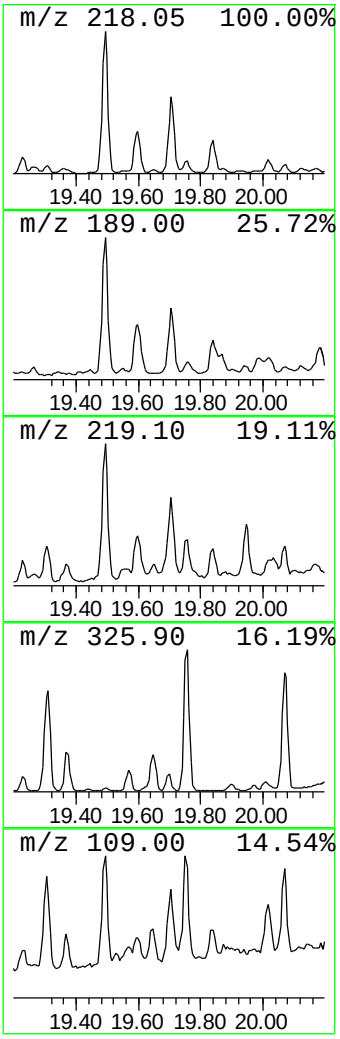
Peak Number 21 Benzo[b]naphtho[2,3-d]furan Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	2.25 ng/ul	1535550	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	91
2	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	91
3	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	90
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	87
5	Benzo[b]naphtho[1,2-d]furan	218	C16H10O	000239-30-5	86





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Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP6

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Quant Title : SVOA CALIBRATION

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

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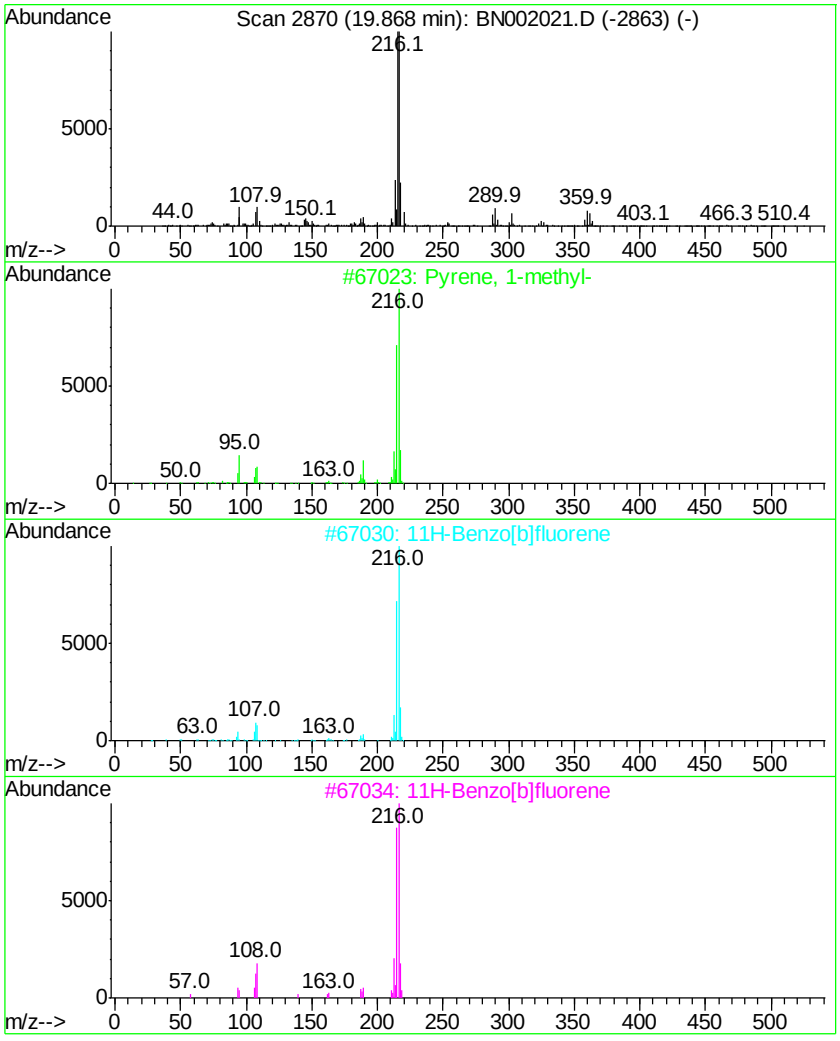
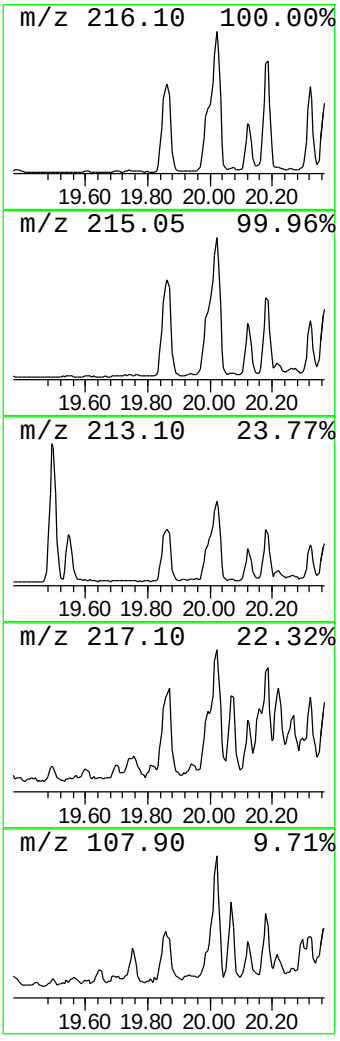
Peak Number 23 Pyrene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	2.49 ng/ul	1695810	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72





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Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP6

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Quant Title : SVOA CALIBRATION

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

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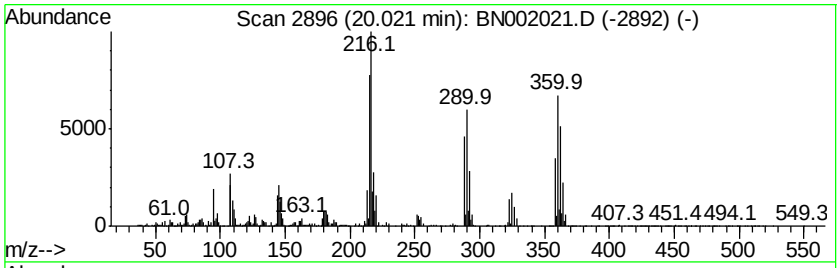
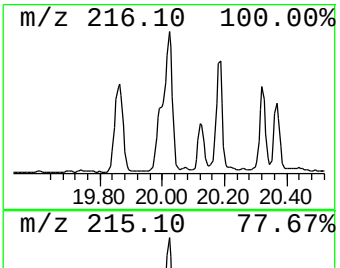
Peak Number 24 1,1'-Biphenyl, 2,2',4,4',5'... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	4.89 ng/ul	3338130	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
2	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
3	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
4	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
5	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99





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Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP6

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Quant Title : SVOA CALIBRATION

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

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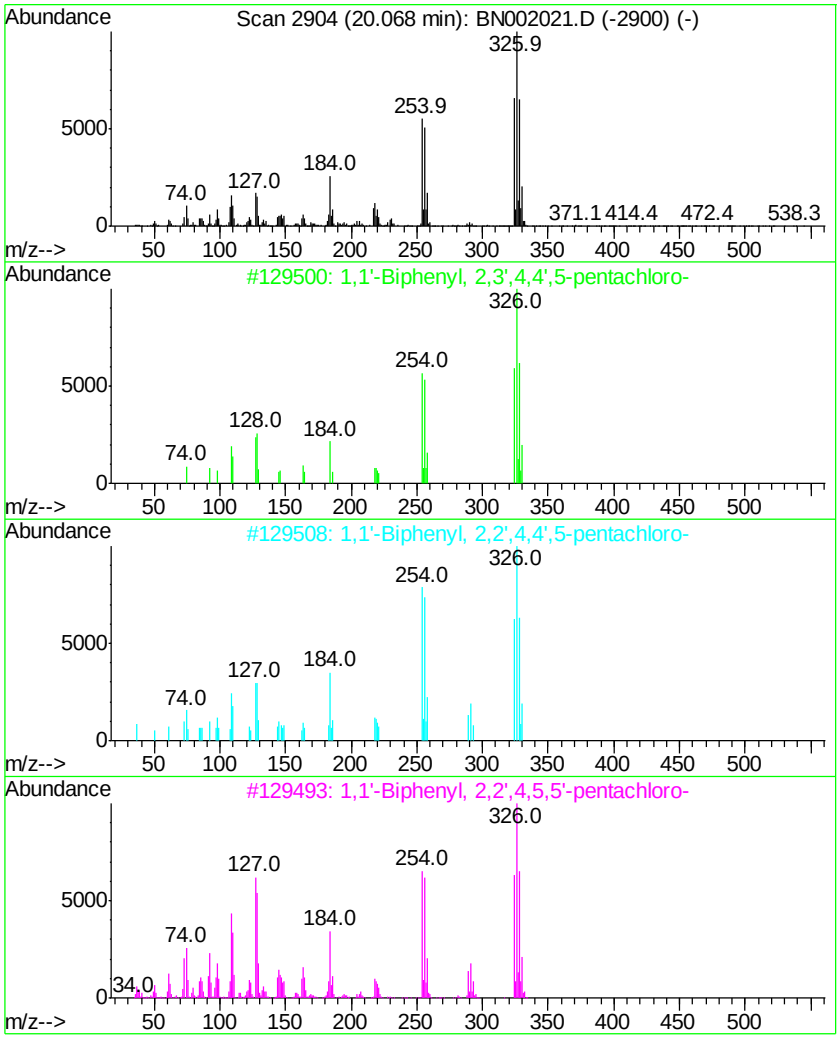
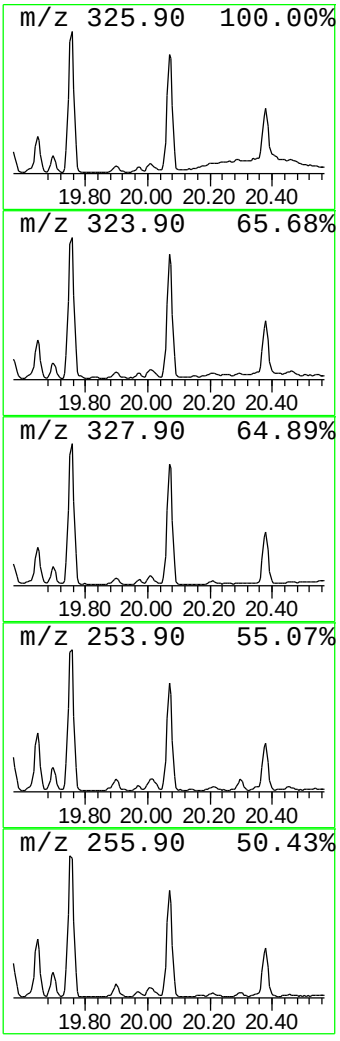
Peak Number 25 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	4.79 ng/ul	3264760	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	97
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96
5	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	96





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Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP6

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Quant Title : SVOA CALIBRATION

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

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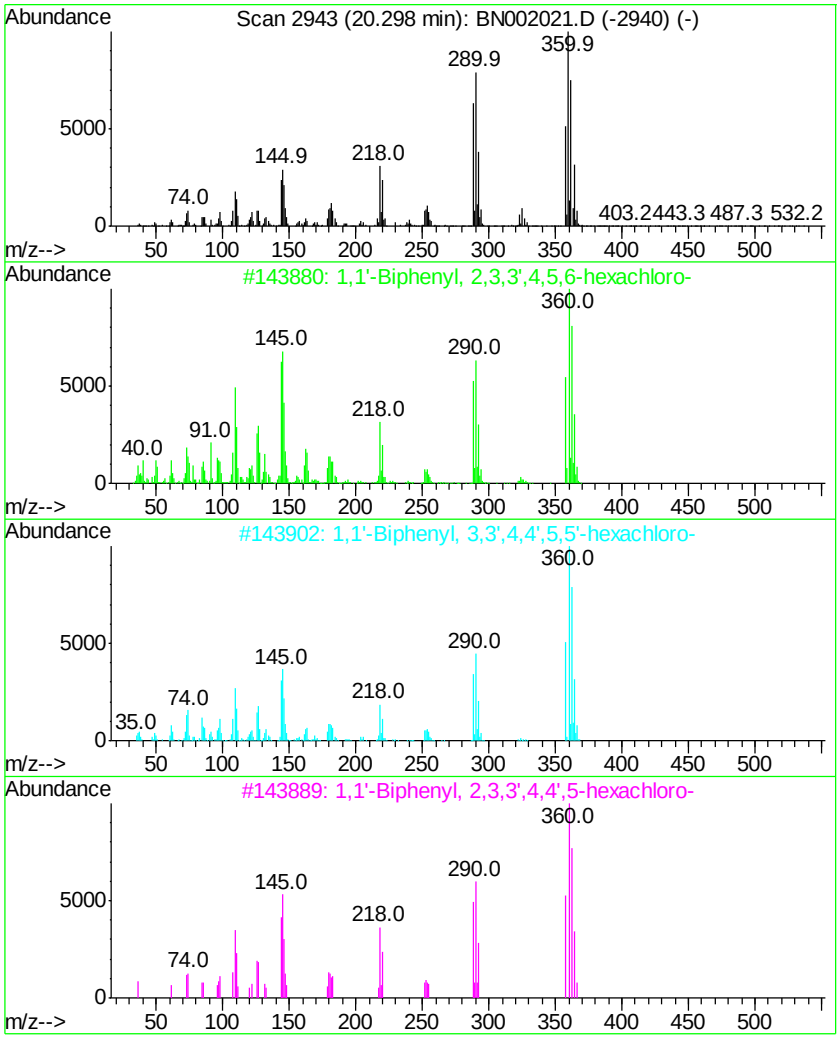
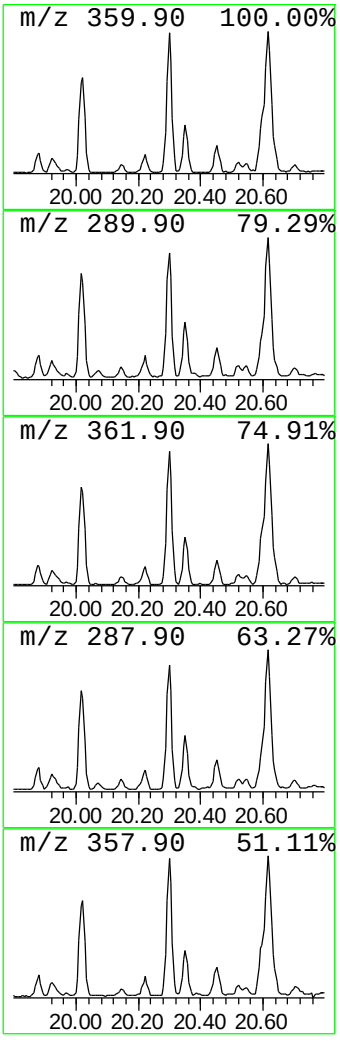
Peak Number 26 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	2.43 ng/ul	1657430	Chrysene-d12	21.30

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, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	96
5	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	96





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Operator : JU/SJ
Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP6

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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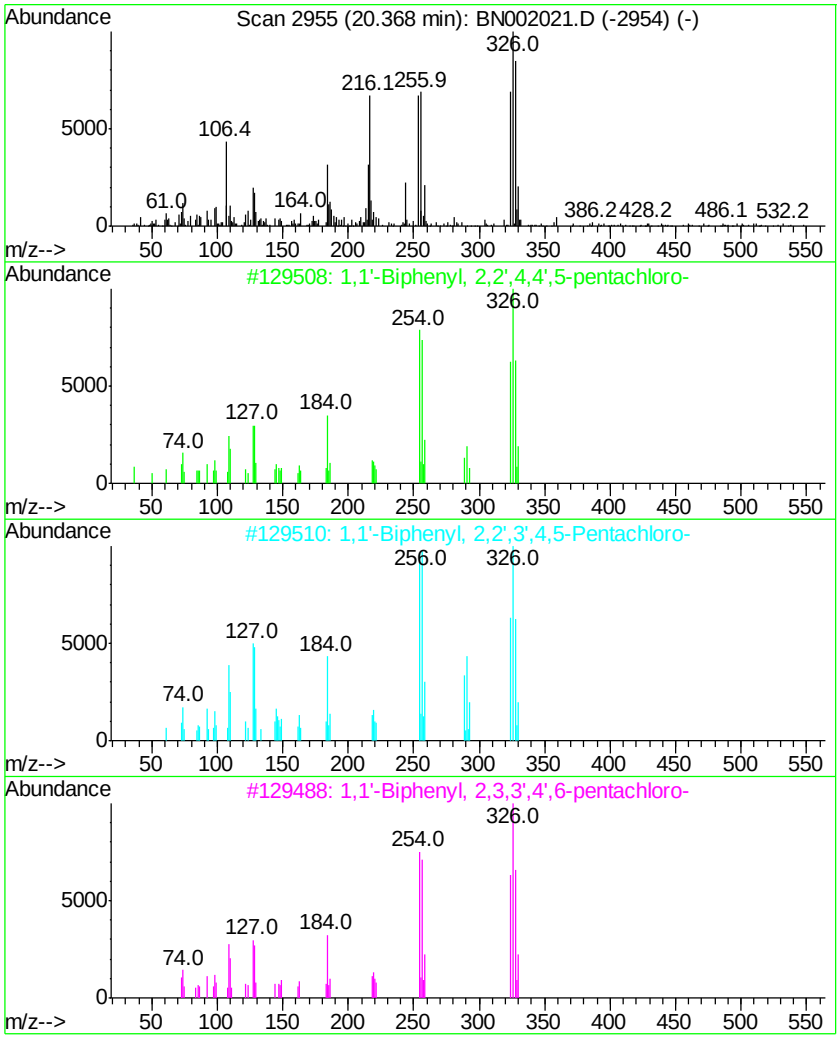
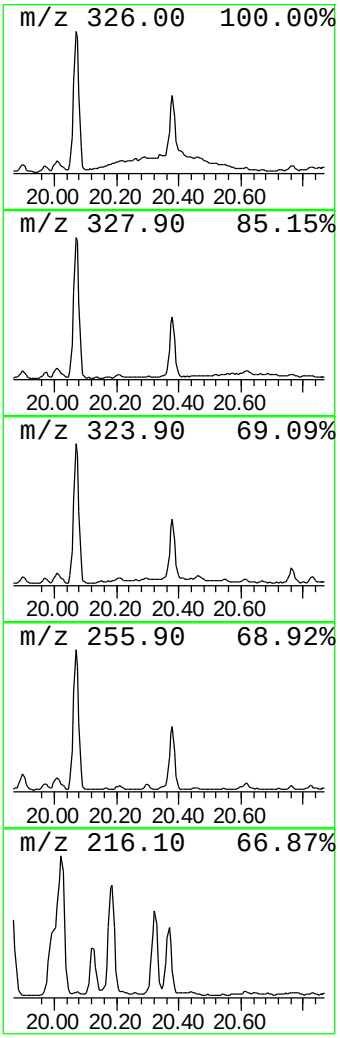
Peak Number 27 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	2.19 ng/ul	1492450	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
2	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	96
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	95
4	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	95
5	1,1'-Biphenyl, 2,3',4,5,5'-penta...	324	C12H5Cl5	068194-12-7	95





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Operator : JU/SJ
Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP6

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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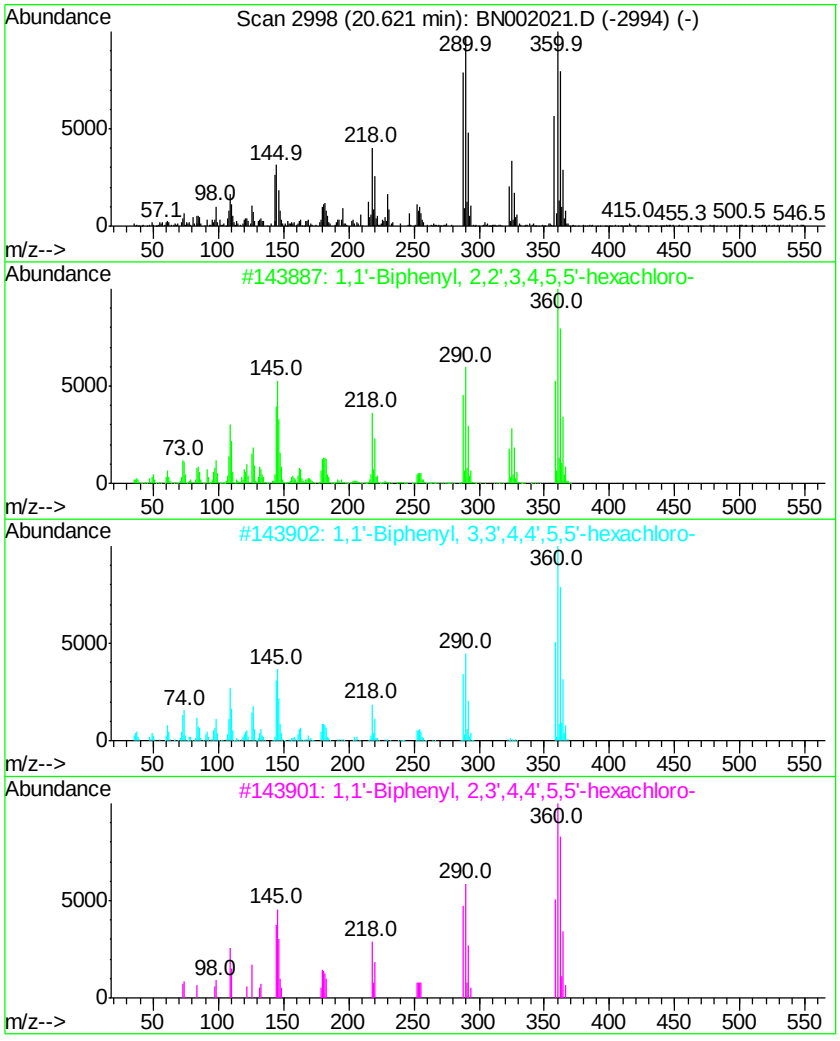
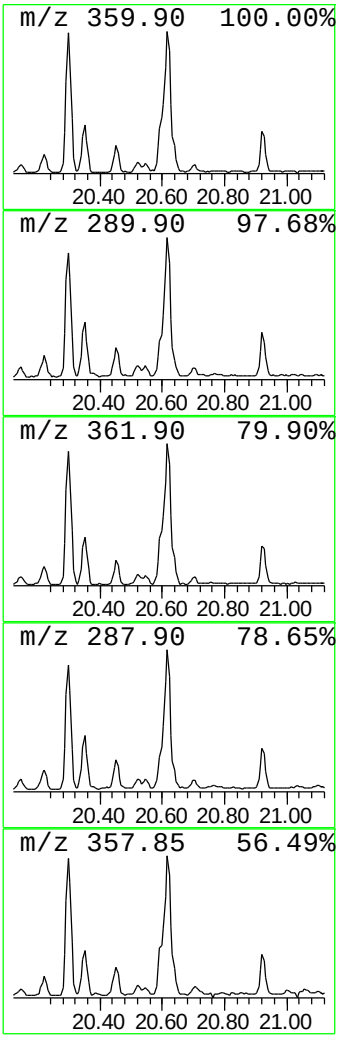
Peak Number 28 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	4.39 ng/ul	2995190	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
5	1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99





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Sample : J3775-07 5X
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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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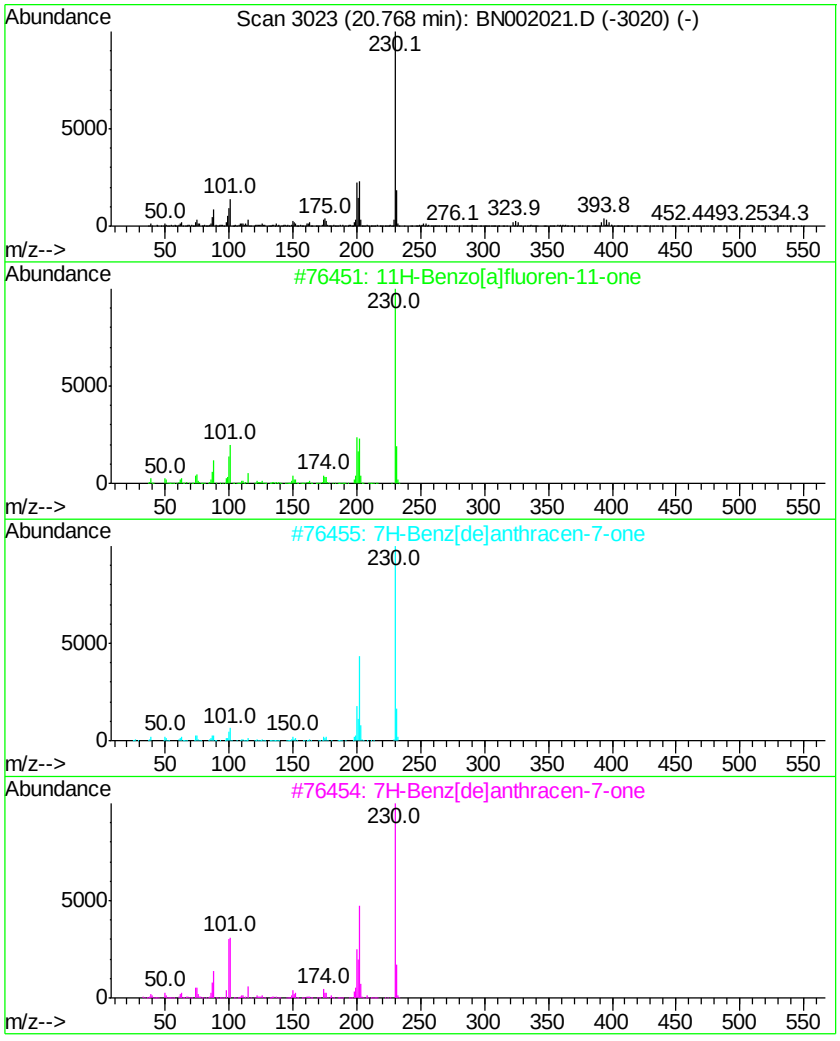
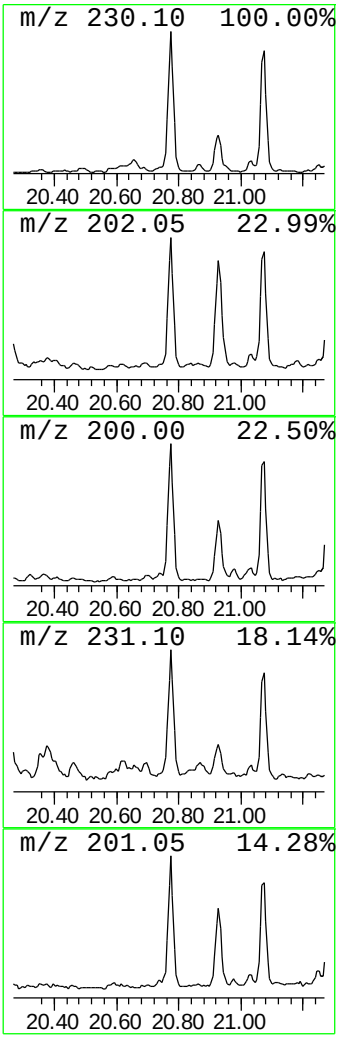
Peak Number 29 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	3.33 ng/ul	2271990	Chrysene-d12	21.30

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	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76





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Misc :
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Instrument : BNA_N
ClientSampleId : DAZP6

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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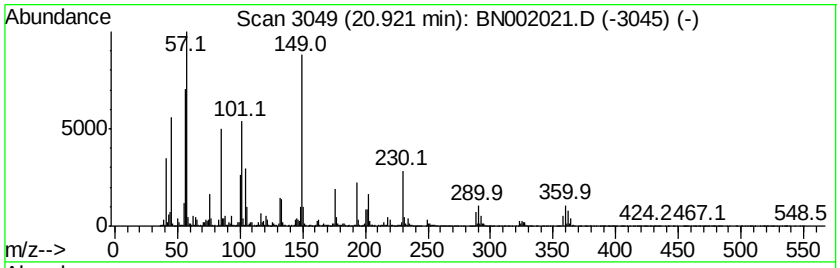
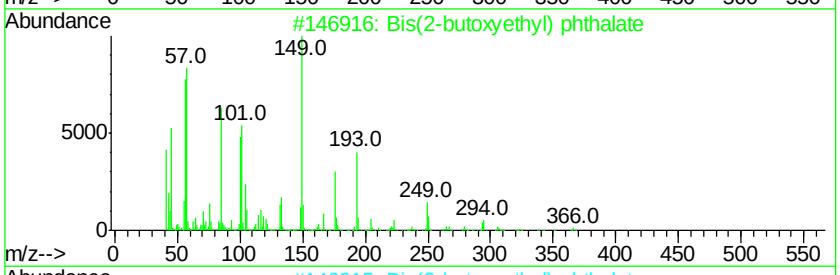
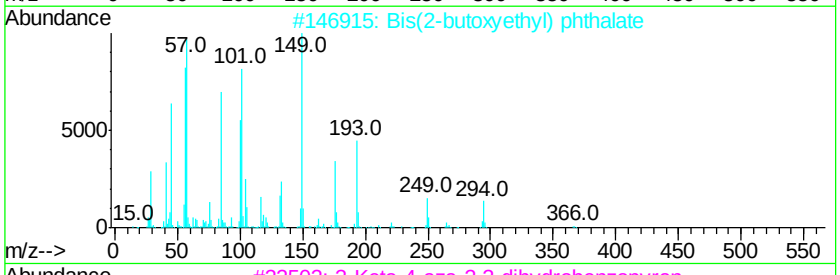
Peak Number 30 Bis(2-butoxyethyl) phthalate Concentration Rank 5

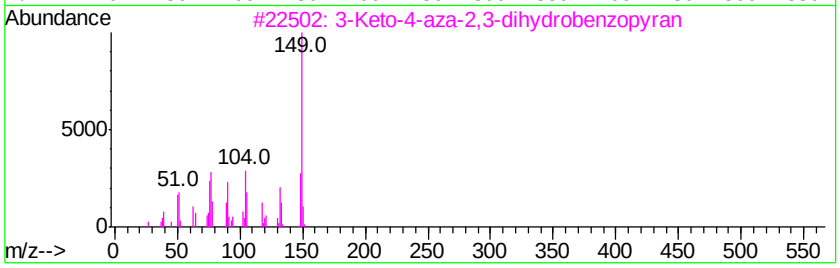
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	10.38 ng/ul	7083610	Chrysene-d12	21.30

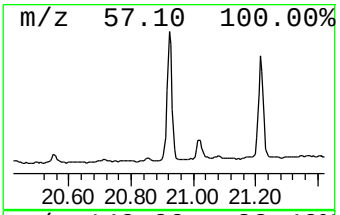
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-butoxyethyl) phthalate	366	C20H30O6	000117-83-9	70
2	Bis(2-butoxyethyl) phthalate	366	C20H30O6	000117-83-9	52
3	3-Keto-4-aza-2,3-dihydrobenzopyran	149	C8H7NO2	1000289-12-0	25
4	Furo[3,2-b]pyridine, 2-methyl-, ...	149	C8H7NO2	069022-83-9	14
5	1,2-Benzenedicarboxylic acid, 2-...	322	C18H26O5	033374-28-6	14

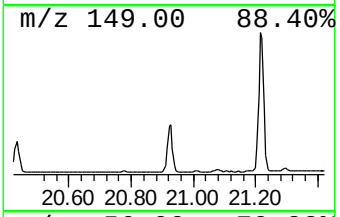


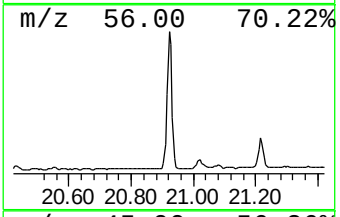


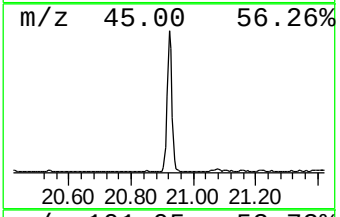


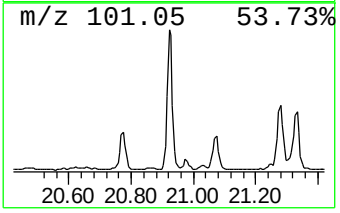












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Data File : BN002021.D
Acq On : 11 Jul 2018 21:18
Operator : JU/SJ
Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP6

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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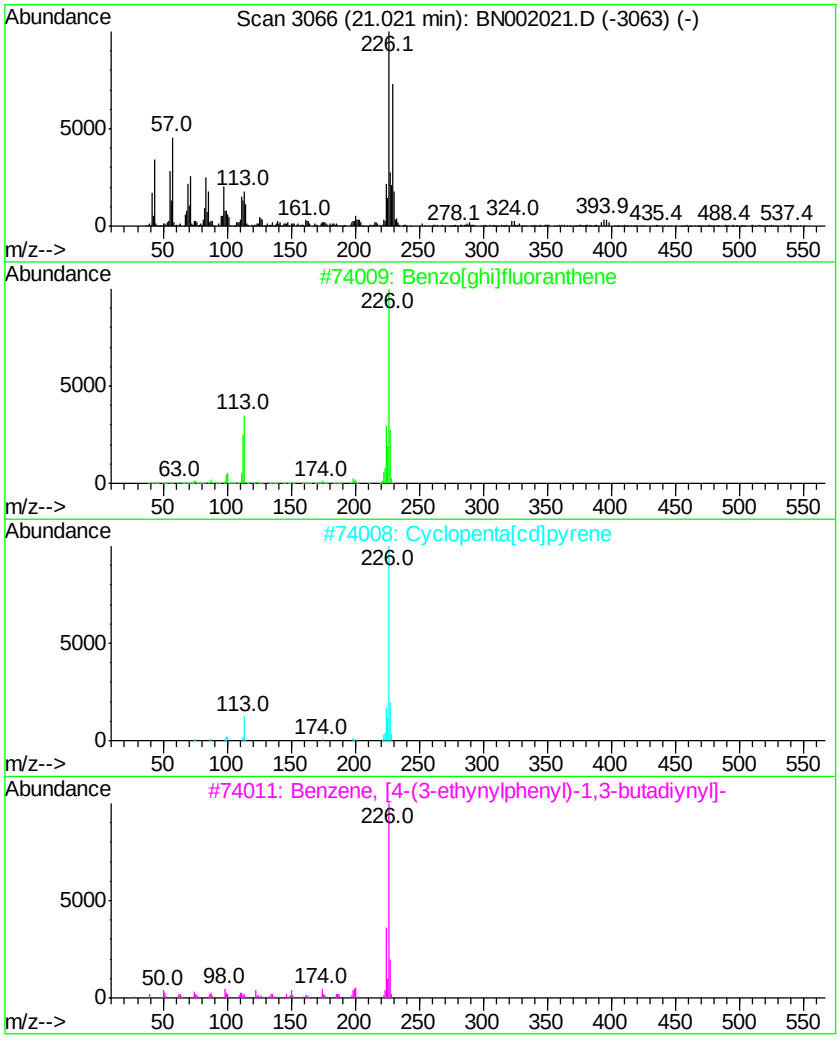
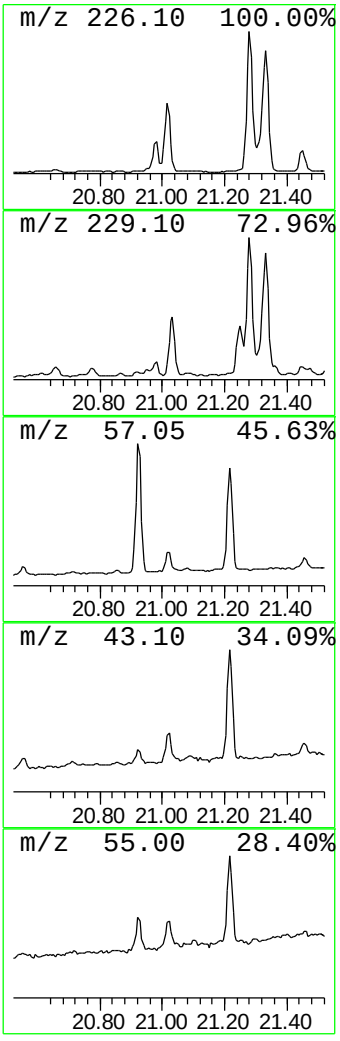
Peak Number 31 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	2.62 ng/ul	1786380	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	41
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
3	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	38
4	Benz[c]acridine	229	C17H11N	000225-51-4	30
5	Tetradecane, 1,1'-thiobis-	426	C28H58S	035599-83-8	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002021.D
Acq On : 11 Jul 2018 21:18
Operator : JU/SJ
Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP6

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

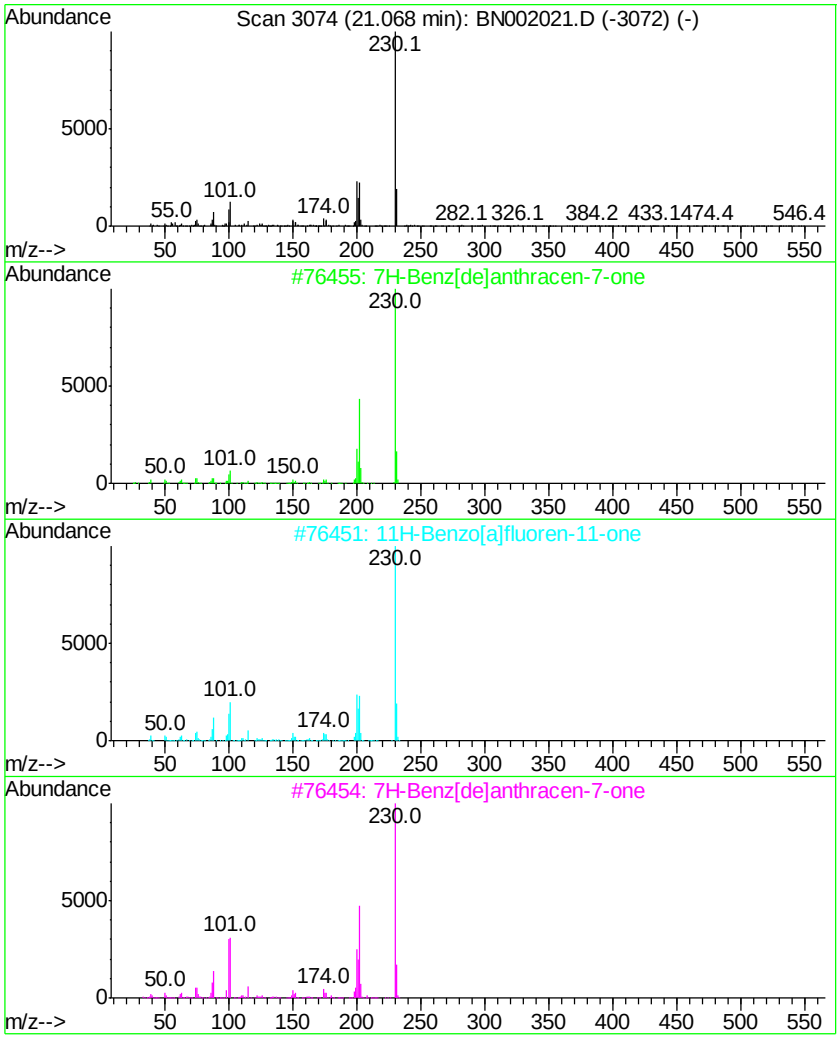
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

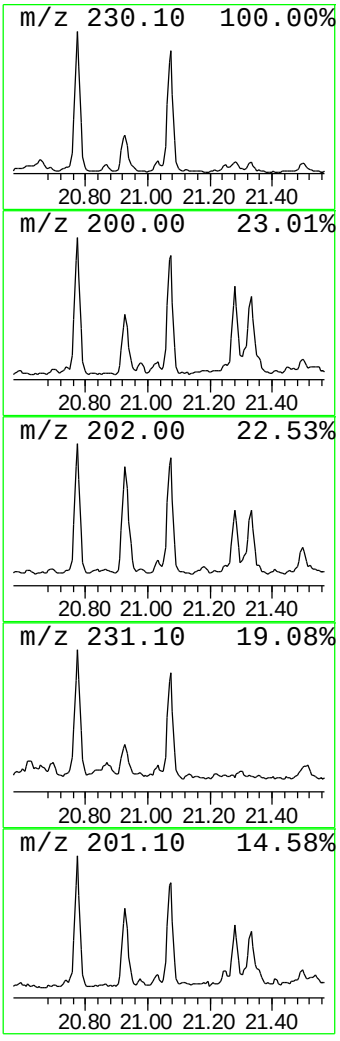
****

Peak Number 32 7H-Benz[de]anthracen-7-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	2.95 ng/ul	2009880	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071118\
Data File : BN002021.D
Acq On : 11 Jul 2018 21:18
Operator : JU/SJ
Sample : J3775-07 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DAZP6

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	5.2	ng/ul	984311	1	7.72	3792970	20.0
(DEL) Alkane: Str...	16.07	2.0	ng/ul	804351	4	17.10	8025930	20.0
1,2-Benzenedicarb...	16.69	8.3	ng/ul	3342140	4	17.10	8025930	20.0
5H-Dibenzo[a,d]cy...	17.97	2.7	ng/ul	1083290	4	17.10	8025930	20.0
Phenanthrene, 2-m...	18.02	8.0	ng/ul	3217040	4	17.10	8025930	20.0
4H-Cyclopenta[def...	18.17	11.2	ng/ul	4479670	4	17.10	8025930	20.0
Naphthalene, 2-ph...	18.47	4.8	ng/ul	1916130	4	17.10	8025930	20.0
9,10-Anthracenedione	18.52	2.2	ng/ul	874227	4	17.10	8025930	20.0
1,2-Benzenedicarb...	18.83	12.5	ng/ul	5009690	4	17.10	8025930	20.0
Phenanthrene, 2,5...	18.90	4.4	ng/ul	1773000	4	17.10	8025930	20.0
1,1'-Biphenyl, 3,...	18.94	3.8	ng/ul	1512430	4	17.10	8025930	20.0
1,1'-Biphenyl, 2,...	18.99	5.5	ng/ul	2218190	4	17.10	8025930	20.0
1,1'-Biphenyl, 2,...	19.03	11.4	ng/ul	4576250	4	17.10	8025930	20.0
Pyrrolidine-2,4-d...	19.22	5.0	ng/ul	3446290	5	21.30	13643700	20.0
1,1'-Biphenyl, 2,...	19.30	5.8	ng/ul	3951240	5	21.30	13643700	20.0
Benzo[b]naphtho[2...	19.70	2.3	ng/ul	1535550	5	21.30	13643700	20.0
Pyrene, 1-methyl-	19.87	2.5	ng/ul	1695810	5	21.30	13643700	20.0
1,1'-Biphenyl, 2,...	20.02	4.9	ng/ul	3338130	5	21.30	13643700	20.0
1,1'-Biphenyl, 2,...	20.07	4.8	ng/ul	3264760	5	21.30	13643700	20.0
1,1'-Biphenyl, 2,...	20.30	2.4	ng/ul	1657430	5	21.30	13643700	20.0
1,1'-Biphenyl, 2,...	20.37	2.2	ng/ul	1492450	5	21.30	13643700	20.0
1,1'-Biphenyl, 2,...	20.62	4.4	ng/ul	2995190	5	21.30	13643700	20.0
11H-Benzo[a]fluor...	20.77	3.3	ng/ul	2271990	5	21.30	13643700	20.0
Bis(2-butoxyethyl...	20.92	10.4	ng/ul	7083610	5	21.30	13643700	20.0
unknown-01	21.02	2.6	ng/ul	1786380	5	21.30	13643700	20.0
7H-Benz[de]anthra...	21.07	3.0	ng/ul	2009880	5	21.30	13643700	20.0