LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009949.D
Acq On : 27 Feb 2020 04:19
Operator : CG/JU
Sample : L1612-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDM1

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-BN021220MA.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	6.593	608	613	633	rVB	119915	269659	1.42%	0.293%
2	6.746	633	639	650	rBV	92632	166652	0.88%	0.181%
3	6.928	663	670	683	rBV	135799	228349	1.20%	0.248%
4	7.381	741	747	756	rBV	461527	718557	3.79%	0.780%
5	7.910	831	837	847	rBV2	119568	231169	1.22%	0.251%
6	8.104	865	870	883	rBV	128254	238494	1.26%	0.259%
7	8.534	937	943	959	rBV	113226	237595	1.25%	0.258%
8	9.246	1059	1064	1078	rBV	91631	176521	0.93%	0.192%
9	9.793	1149	1157	1173	rBV	114679	280551	1.48%	0.305%
10	10.128	1208	1214	1220	rBV	637211	1060794	5.59%	1.152%
11	10.304	1238	1244	1256	rBV2	52456	129266	0.68%	0.140%
12	11.663	1468	1475	1487	rBV	31993	82811	0.44%	0.090%
13	11.810	1495	1500	1509	rVB	43244	78069	0.41%	0.085%
14	13.451	1772	1779	1784	rBV	297332	426456	2.25%	0.463%
15	13.498	1784	1787	1795	rVV	43604	72773	0.38%	0.079%
16	13.710	1817	1823	1826	rBV	333187	521000	2.75%	0.566%
17	13.740	1826	1828	1837	rVB	189996	228300	1.20%	0.248%
18	14.022	1870	1876	1884	rBV	990213	1425440	7.52%	1.548%
19	14.298	1916	1923	1929	rBV2	56961	123634	0.65%	0.134%
20	14.434	1942	1946	1953	rVV	79749	117412	0.62%	0.127%
21	15.028	2041	2047	2052	rBV	452842	630663	3.33%	0.685%
22	15.086	2052	2057	2066	rVB	240640	351701	1.85%	0.382%
23	15.192	2071	2075	2084	rBV	105481	201421	1.06%	0.219%
24	15.334	2093	2099	2105	rVB5	33215	64725	0.34%	0.070%
25	15.775	2168	2174	2177	rBV4	60195	109387	0.58%	0.119%
26	15.804	2177	2179	2184	rVB	60457	75062	0.40%	0.082%
27	16.628	2316	2319	2326	rVB	69259	106571	0.56%	0.116%
28	16.698	2326	2331	2337	rBV5	31357	66037	0.35%	0.072%
29	16.781	2339	2345	2349	rVV	1202895	1683955	8.88%	1.828%
30	16.822	2349	2352	2357	rVV	579271	754325	3.98%	0.819%
31	16.881	2357	2362	2363	rVV	465671	539205	2.84%	0.585%
32	16.922	2363	2369	2374	rVV	13301740	18966103	100.00%	20.594%
33	16.980	2376	2379	2386	rVB2	57873	103477	0.55%	0.112%
34	17.057	2386	2392	2397	rBV	85239	139221	0.73%	0.151%

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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDM1

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-BN021220MA.M
Title : SVOA CALIBRATION

35	17.192	2408	2415	2428	rBV	1763371	2500820	13.19%	2.715%
36	17.310	2431	2435	2440	rVB2	62496	87354	0.46%	0.095%
37	17.492	2462	2466	2472	rVB6	31221	58285	0.31%	0.063%
38	17.710	2499	2503	2509	rBV5	86197	145198	0.77%	0.158%
39	17.792	2511	2517	2521	rVV	326171	468287	2.47%	0.508%
40	17.863	2523	2529	2538	rVB4	110799	260037	1.37%	0.282%
41	17.969	2543	2547	2551	rBV2	60193	89054	0.47%	0.097%
42	18.010	2551	2554	2559	rVB3	110028	163584	0.86%	0.178%
43	18.063	2559	2563	2568	rBV2	74115	123531	0.65%	0.134%
44	18.133	2573	2575	2579	rVB2	67218	84364	0.44%	0.092%
45	18.216	2585	2589	2596	rBV3	235935	353142	1.86%	0.383%
46	18.510	2635	2639	2645	rVB5	64030	98590	0.52%	0.107%
47	18.586	2649	2652	2655	rBV3	48999	73826	0.39%	0.080%
48	18.733	2673	2677	2683	rBV2	157096	245751	1.30%	0.267%
49	18.851	2692	2697	2703	rVB	912047	1177870	6.21%	1.279%
50	18.957	2711	2715	2719	rVB	148849	189277	1.00%	0.206%
51	19.010	2720	2724	2731	rVB	103436	145484	0.77%	0.158%
52	19.080	2732	2736	2741	rBV2	233784	341894	1.80%	0.371%
53	19.186	2750	2754	2756	rBV	711489	943490	4.97%	1.024%
54	19.216	2756	2759	2763	rVV	1416090	1934963	10.20%	2.101%
55	19.251	2763	2765	2770	rVV	185354	234714	1.24%	0.255%
56	19.304	2770	2774	2780	rVB4	73887	141305	0.75%	0.153%
57	19.410	2789	2792	2796	rBV3	84467	113652	0.60%	0.123%
58	19.469	2798	2802	2808	rVB	587534	773435	4.08%	0.840%
59	19.569	2813	2819	2823	rBV4	153302	350372	1.85%	0.380%
60	19.704	2835	2842	2851	rBV3	332964	863778	4.55%	0.938%
61	19.780	2852	2855	2859	rBV	103012	131401	0.69%	0.143%
62	19.827	2860	2863	2866	rBV	137687	151041	0.80%	0.164%
63	19.880	2867	2872	2876	rBV4	250252	406506	2.14%	0.441%
64	20.027	2893	2897	2901	rBV	258835	353735	1.87%	0.384%
65	20.069	2901	2904	2909	rVB3	143972	216658	1.14%	0.235%
66	20.392	2957	2959	2963	rVB4	108807	105156	0.55%	0.114%
67	20.445	2964	2968	2971	rBV2	230476	321992	1.70%	0.350%
68	20.486	2972	2975	2982	rVV5	190837	383096	2.02%	0.416%
69	20.645	2999	3002	3005	rBV	174361	241194	1.27%	0.262%
70	20.686	3006	3009	3011	rVV2	264896	303112	1.60%	0.329%
71	20.721	3011	3015	3022	rVB2	594921	1055352	5.56%	1.146%

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Instrument : BNA_N
ClientSampleId : DBDM1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

72	20.833	3031	3034	3038	rVB	294329	329352	1.74%	0.358%
73	20.963	3052	3056	3057	rBV	444852	500940	2.64%	0.544%
74	20.998	3057	3062	3067	rVV2	1929649	4305550	22.70%	4.675%
75	21.039	3067	3069	3073	rVB	1177995	1130216	5.96%	1.227%
76	21.151	3085	3088	3091	rBV2	286649	310639	1.64%	0.337%
77	21.180	3091	3093	3097	rVB4	211038	230596	1.22%	0.250%
78	21.269	3105	3108	3111	rVB	307355	319247	1.68%	0.347%
79	21.304	3111	3114	3121	rVB	450435	609323	3.21%	0.662%
80	21.369	3121	3125	3128	rBV	233066	294960	1.56%	0.320%
81	21.492	3142	3146	3148	rBV	215185	283220	1.49%	0.308%
82	21.539	3148	3154	3157	rVB	424552	651872	3.44%	0.708%
83	21.721	3181	3185	3188	rBV2	350681	483149	2.55%	0.525%
84	21.998	3229	3232	3235	rBV	248632	322146	1.70%	0.350%
85	22.033	3235	3238	3244	rVB3	314206	470481	2.48%	0.511%
86	22.257	3271	3276	3286	rVB3	656157	1332599	7.03%	1.447%
87	22.374	3293	3296	3300	rVB2	230596	283060	1.49%	0.307%
88	22.498	3310	3317	3321	rBV	4821659	9362265	49.36%	10.166%
89	22.645	3337	3342	3347	rBV	825099	1160469	6.12%	1.260%
90	22.768	3359	3363	3370	rBV3	269416	565547	2.98%	0.614%
91	22.927	3384	3390	3395	rBV	1873014	3248304	17.13%	3.527%
92	22.968	3395	3397	3400	rVV	368054	488249	2.57%	0.530%
93	23.015	3400	3405	3410	rVB	2552143	3958009	20.87%	4.298%
94	23.098	3414	3419	3423	rVV	972481	1703050	8.98%	1.849%
95	23.145	3423	3427	3435	rVB	987520	1901159	10.02%	2.064%
96	23.598	3500	3504	3513	rVB3	293043	547725	2.89%	0.595%
97	24.939	3726	3732	3743	rVB4	217821	651605	3.44%	0.708%
98	25.145	3758	3767	3776	rVB2	1713573	4229024	22.30%	4.592%
99	25.386	3799	3808	3815	rBV2	1790880	4257074	22.45%	4.622%
100	25.762	3864	3872	3892	rVB	688311	1928499	10.17%	2.094%

Sum of corrected areas: 92094984

LSC Report - Integrated Chromatogram

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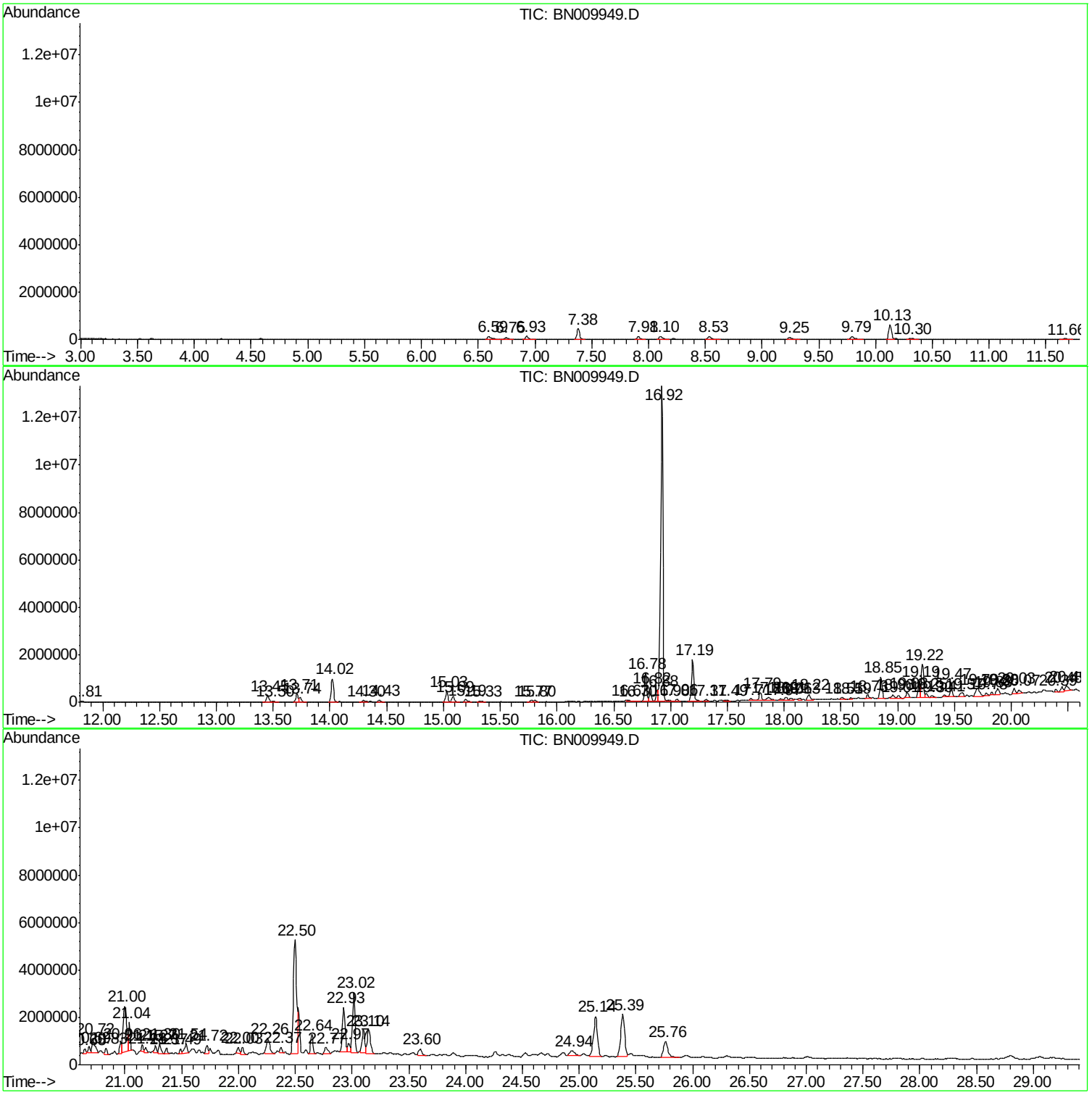
Instrument : BNA_N
ClientSampleId : DBDM1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

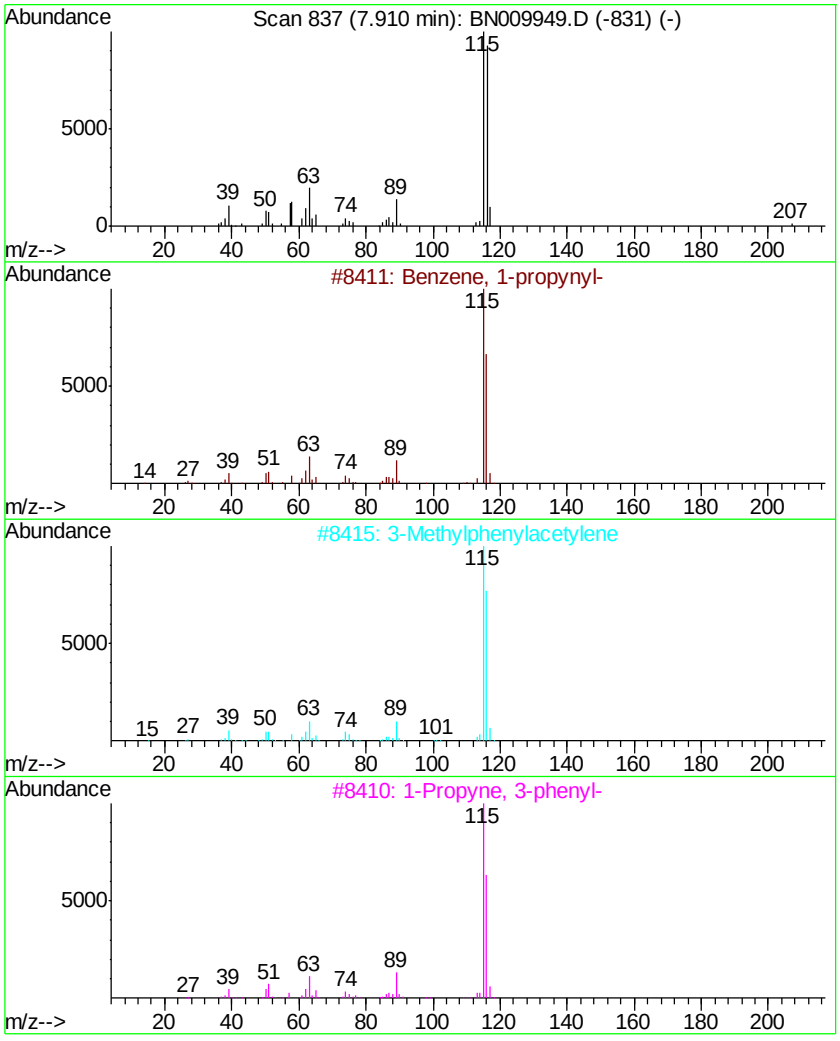
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

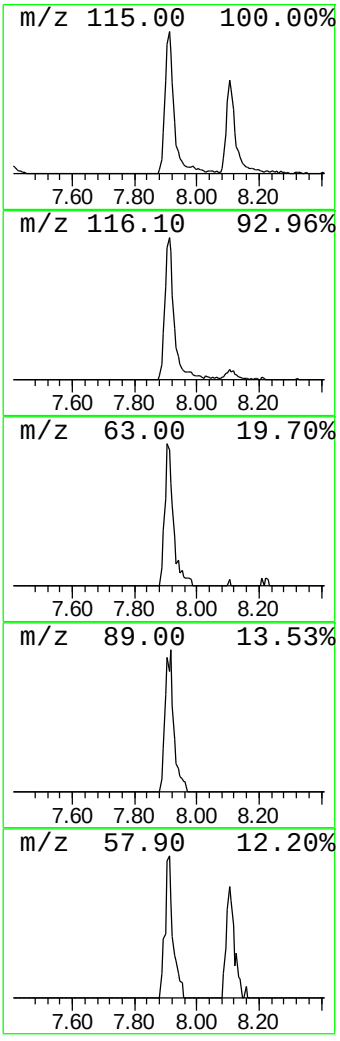
****

Peak Number 1 Benzene, 1-propynyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	6.43 ng/ul	231169	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Library Search Compound Report

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ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDM1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

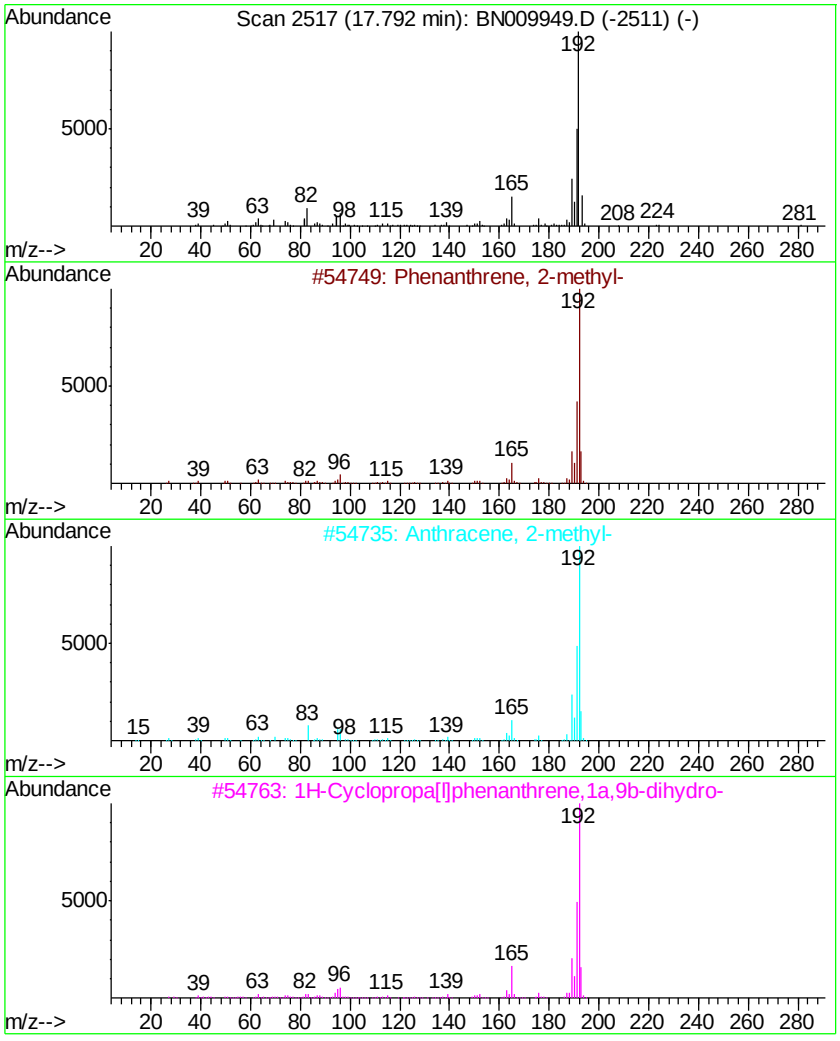
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

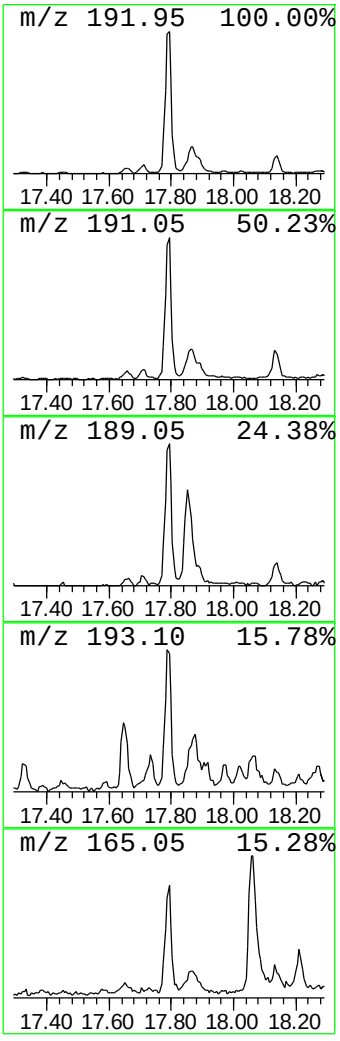
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	5.56 ng/ul	468287	Phenanthrene-d10	16.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Quant Title : SVOA CALIBRATION

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

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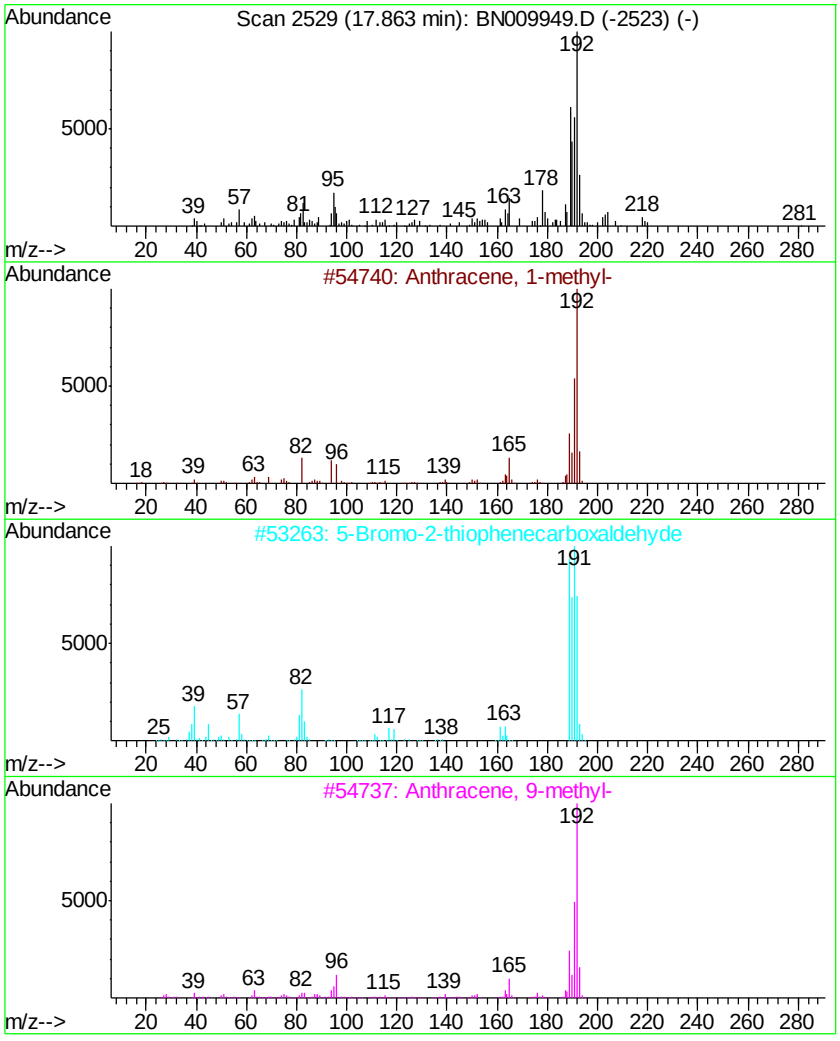
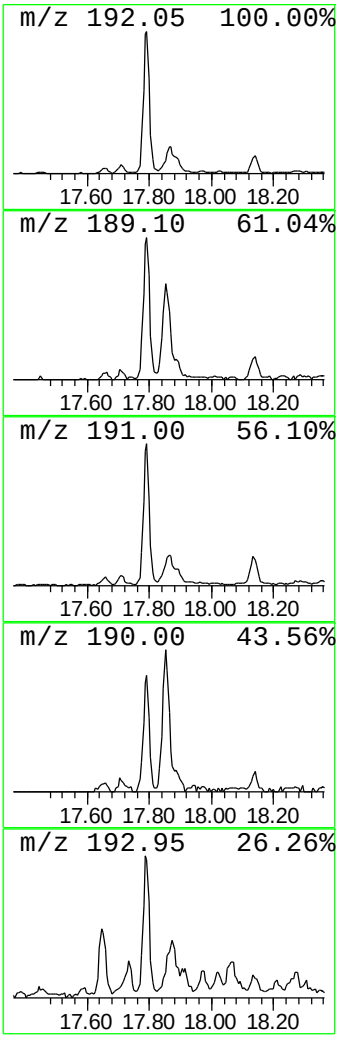
Peak Number 3 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	3.09 ng/ul	260037	Phenanthrene-d10	16.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	49
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	49
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	49
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	47





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : DBDM1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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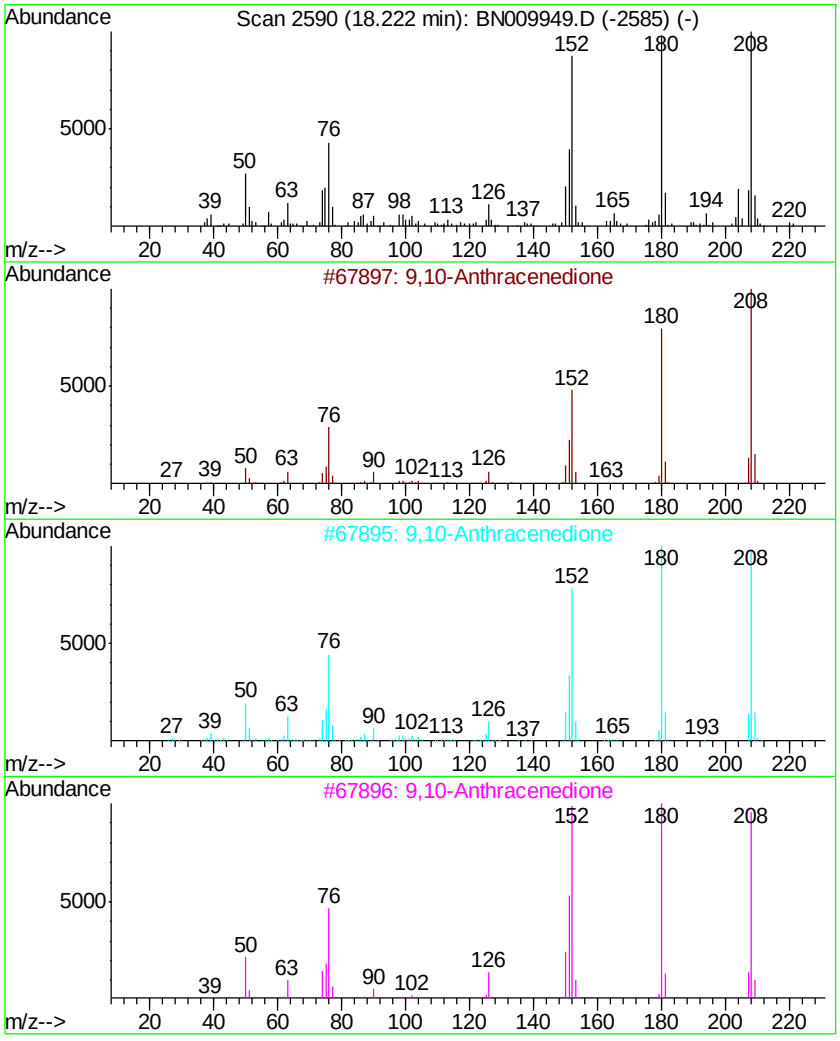
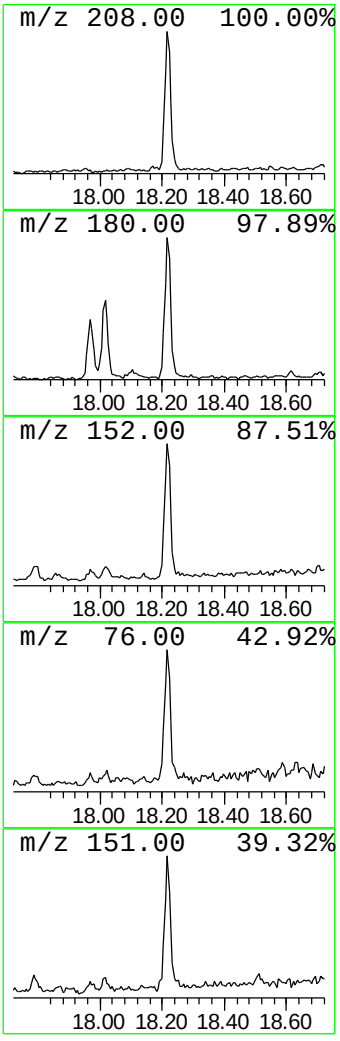
Peak Number 4 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	4.19 ng/ul	353142	Phenanthrene-d10	16.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60





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Sample : L1612-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDM1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

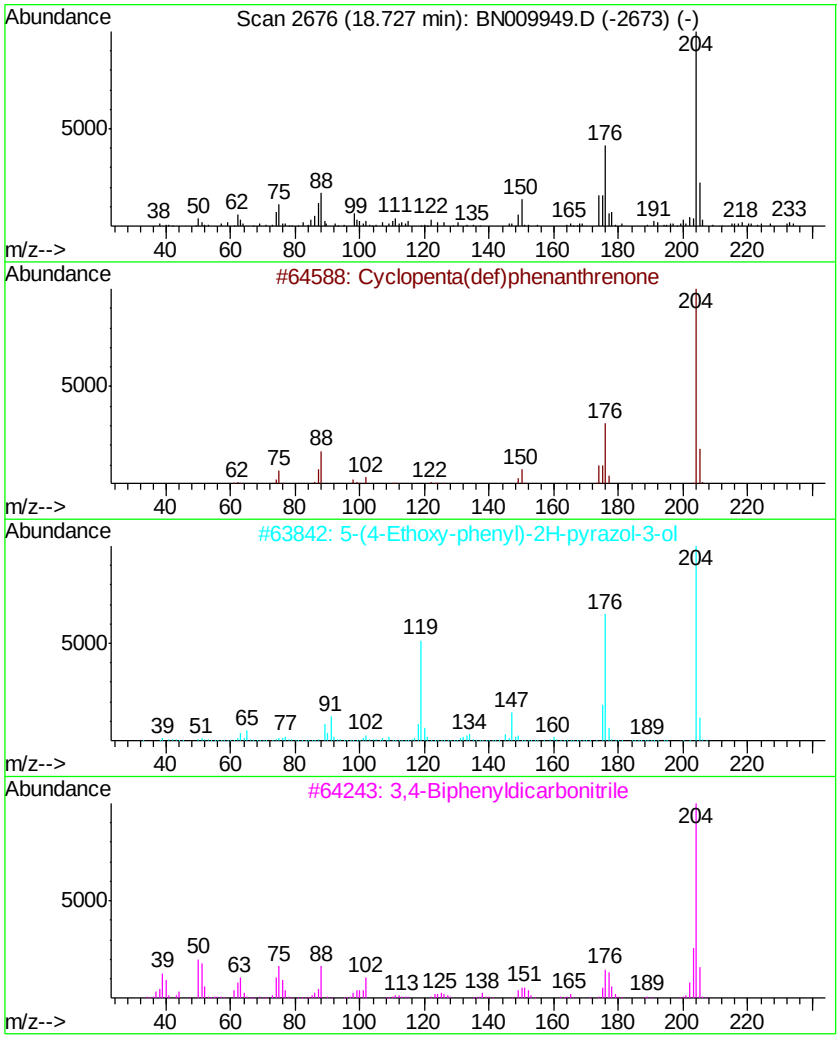
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

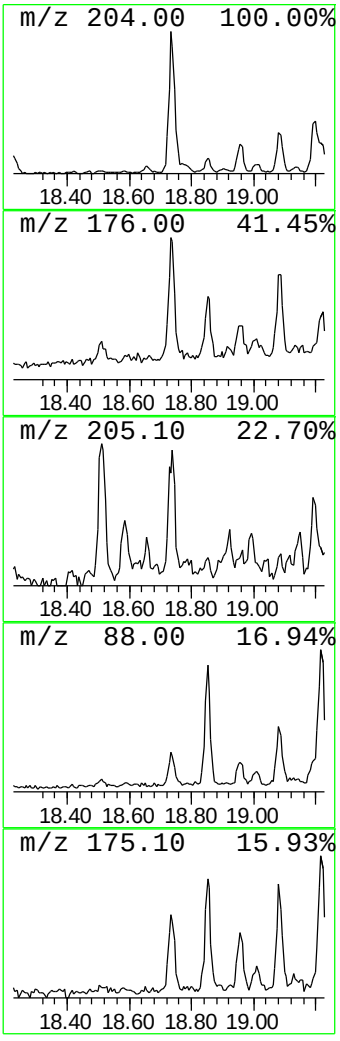
****

Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	2.92 ng/ul	245751	Phenanthrene-d10	16.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	58
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	58
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53





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Acq On : 27 Feb 2020 04:19
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Sample : L1612-19
Misc :
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Instrument : BNA_N
ClientSampleId : DBDM1

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Quant Title : SVOA CALIBRATION

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

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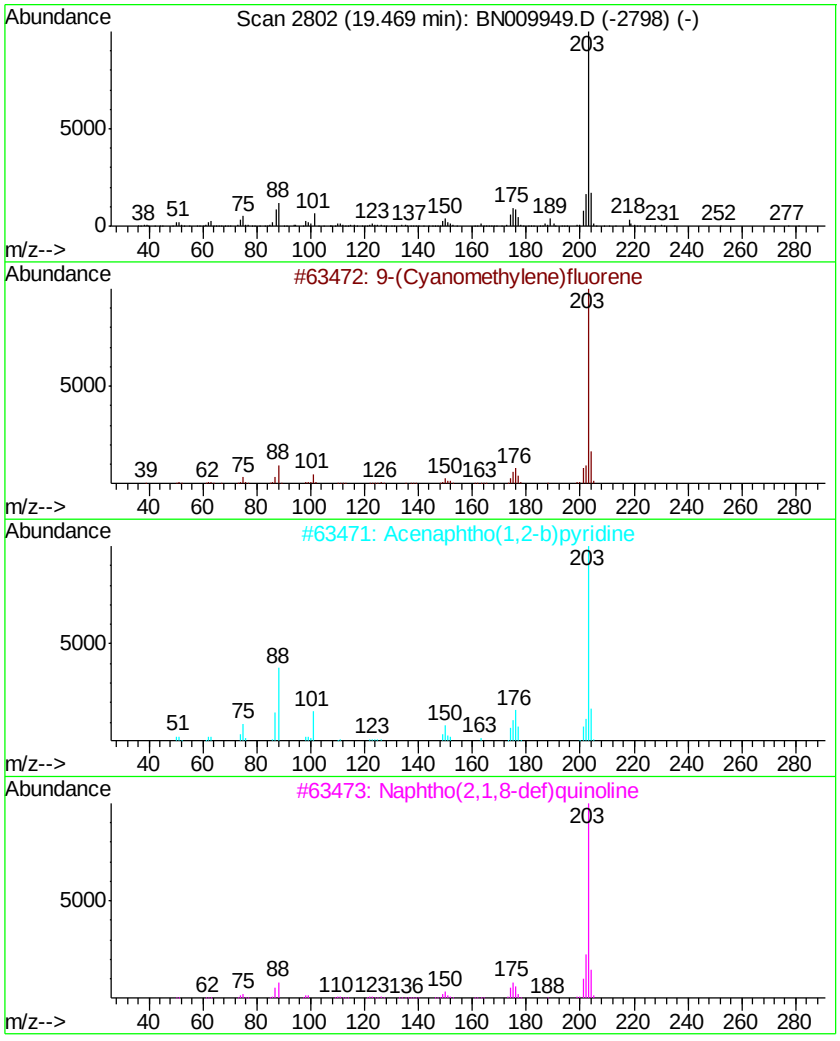
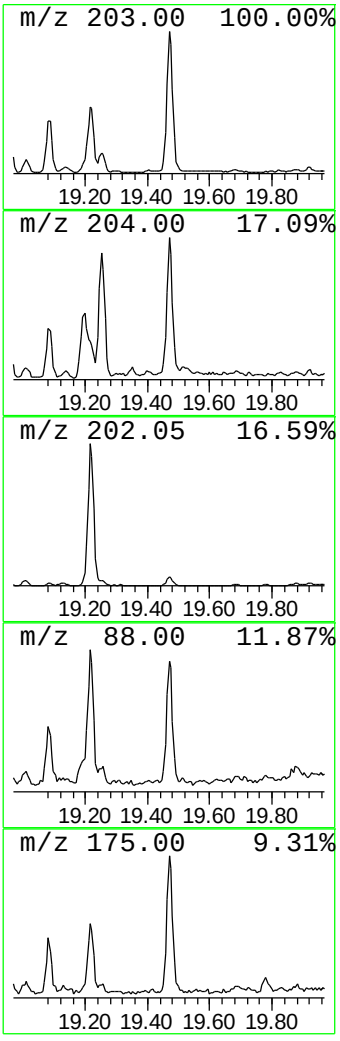
Peak Number 6 9-(Cyanomethylene)fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	3.59 ng/ul	773435	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	96
2	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	95
3	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	95
4	4-Azapyrene	203	C15H9N	000194-03-6	94
5	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	93





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Sample : L1612-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDM1

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Quant Title : SVOA CALIBRATION

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

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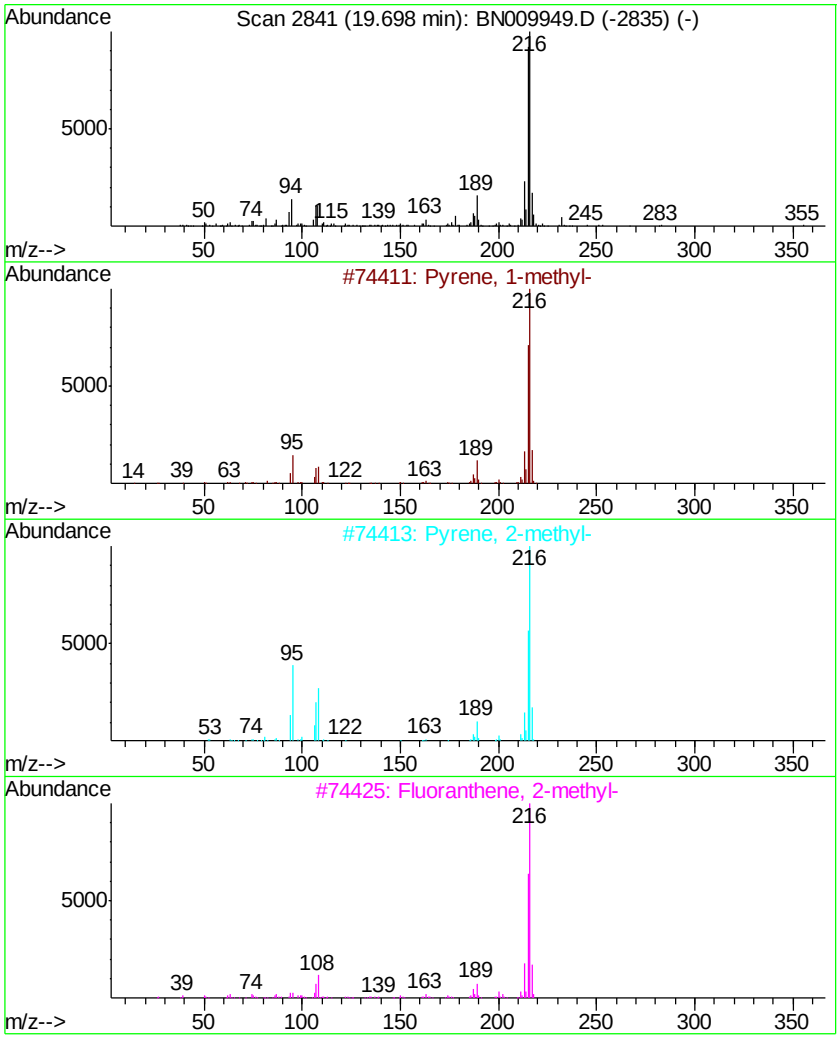
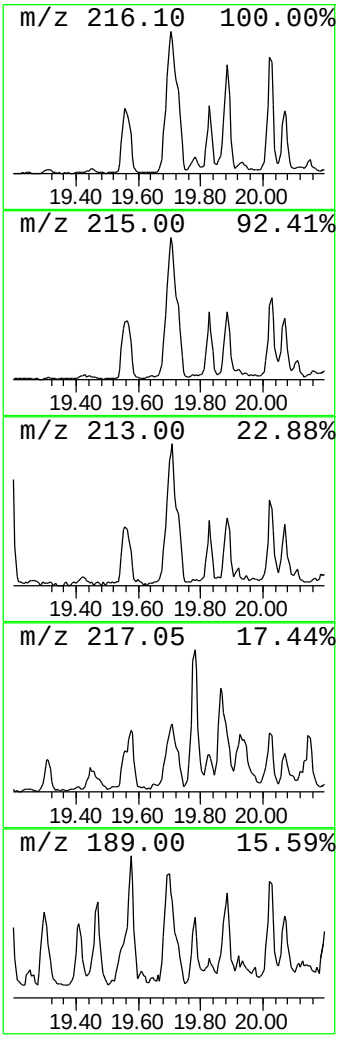
Peak Number 7 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	4.01 ng/ul	863778	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92





Library Search Compound Report

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ClientSampleId : DBDM1

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Quant Title : SVOA CALIBRATION

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

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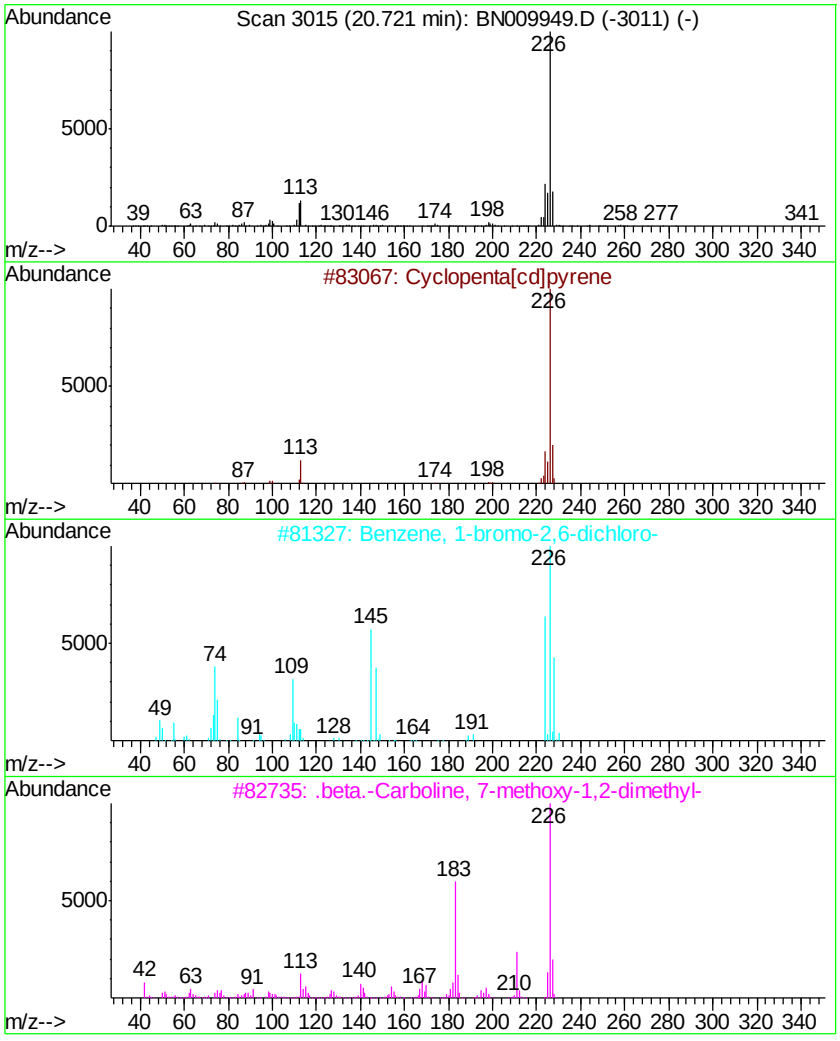
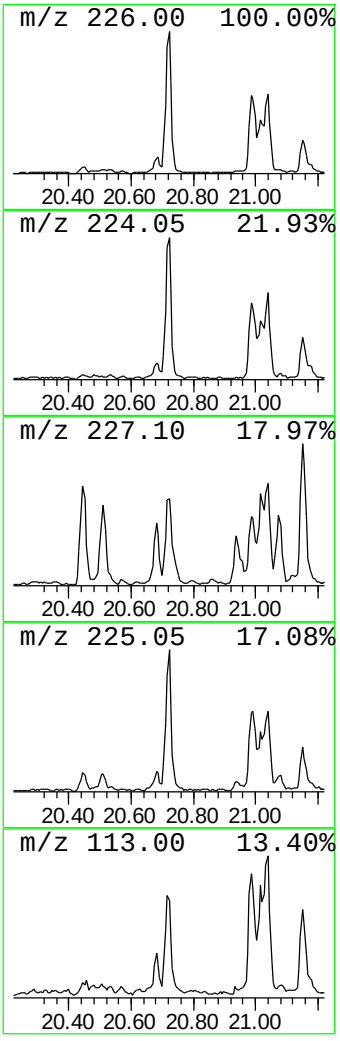
Peak Number 8 Cyclopenta[cd]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	4.90 ng/ul	1055350	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	81
2	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	64
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
4	4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	42
5	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	40





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Instrument : BNA_N
ClientSampleId : DBDM1

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Quant Title : SVOA CALIBRATION

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

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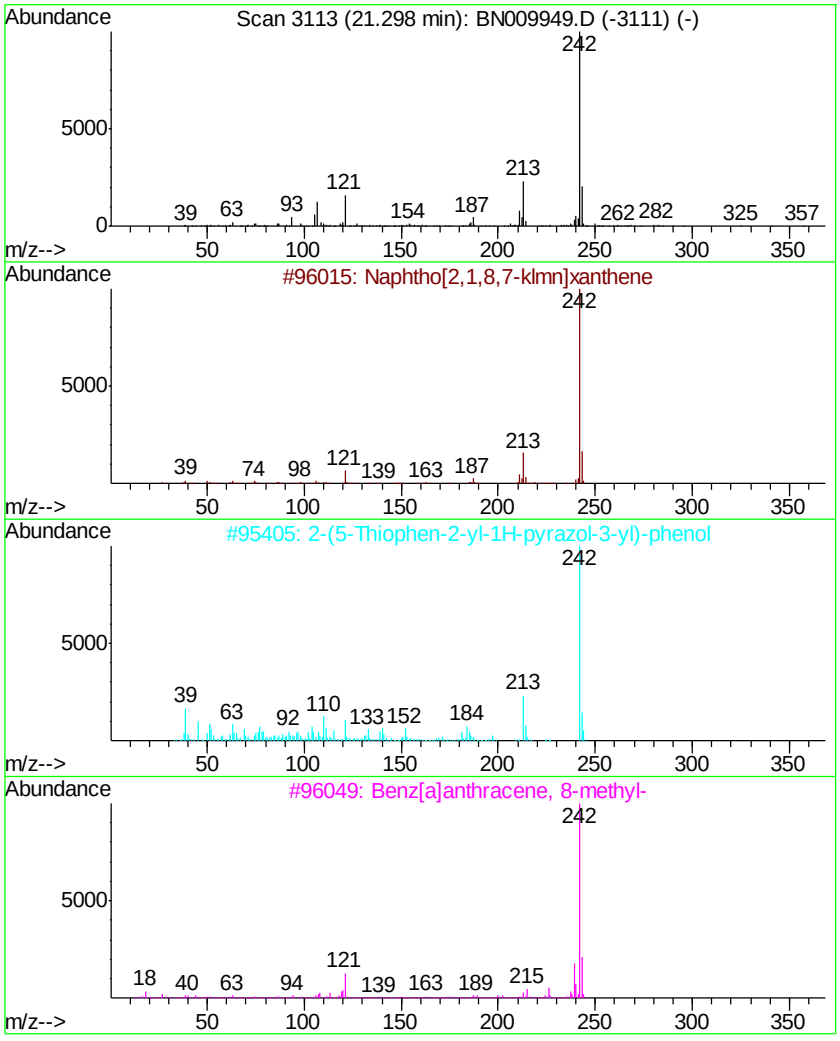
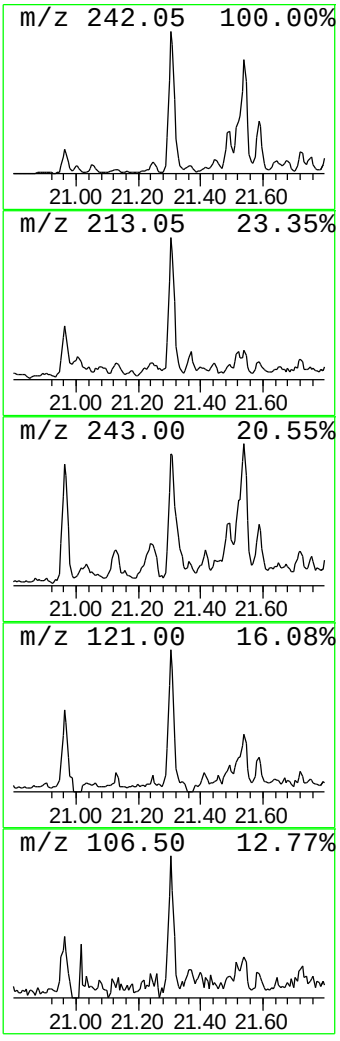
Peak Number 9 Naphtho[2,1,8,7-klmn]xanthene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	2.83 ng/ul	609323	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1,8,7-klmn]xanthene	242	C18H10O	000191-37-7	90
2	2-(5-Thiophen-2-yl-1H-pyrazol-3-...	242	C13H10N2OS	1000301-11-6	64
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	59
4	2,2'-(m-Phenylene)dithiophene	242	C14H10S2	104500-00-7	59
5	Chrysene, 6-methyl-	242	C19H14	001705-85-7	59





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ClientSampleId : DBDM1

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Quant Title : SVOA CALIBRATION

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

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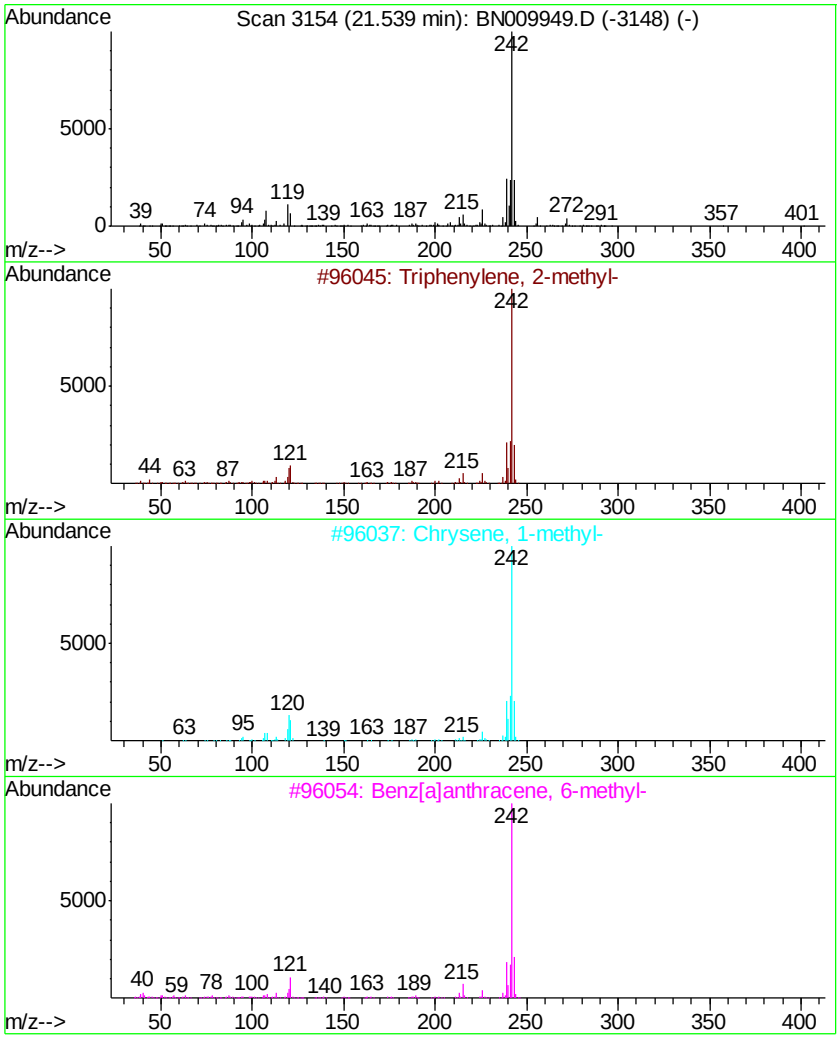
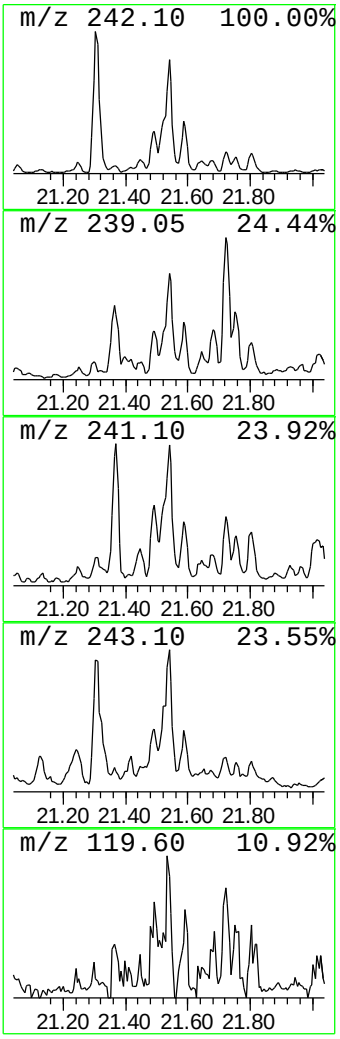
Peak Number 10 Triphenylene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	3.03 ng/ul	651872	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	92
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
3	Benz[a]anthracene, 6-methyl-	242	C19H14	000316-14-3	89
4	Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	89
5	Benz[a]anthracene, 10-methyl-	242	C19H14	002381-15-9	89





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Quant Title : SVOA CALIBRATION

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

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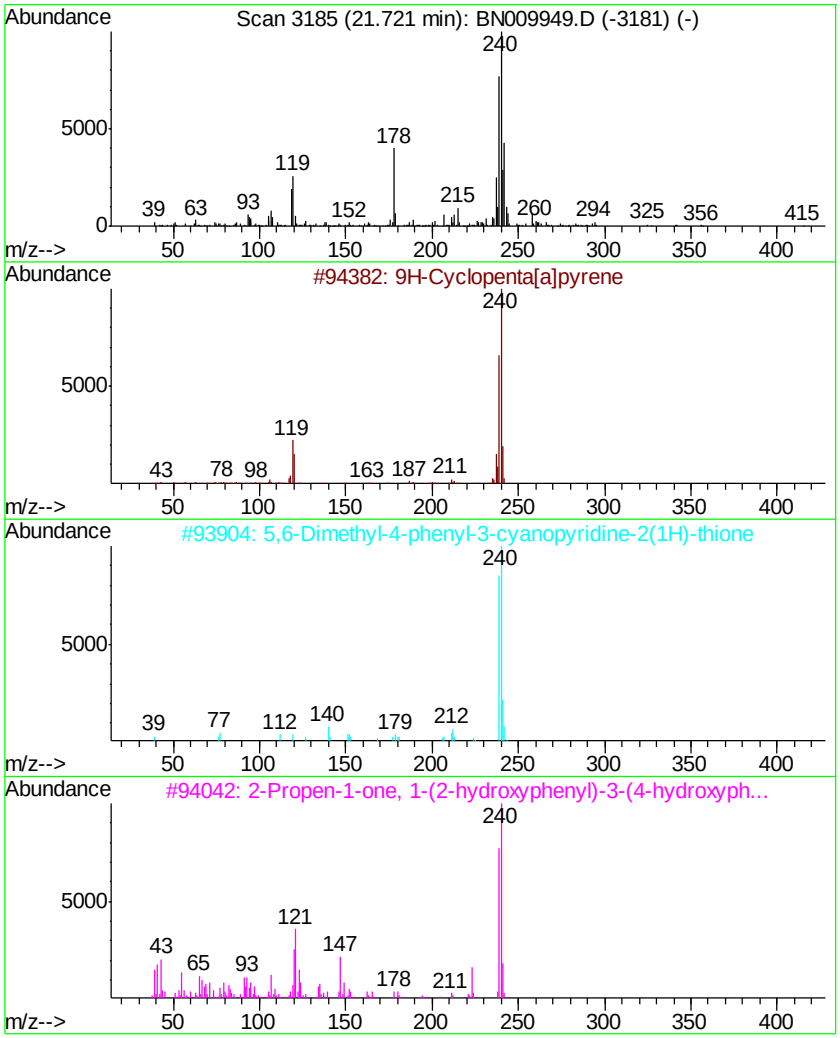
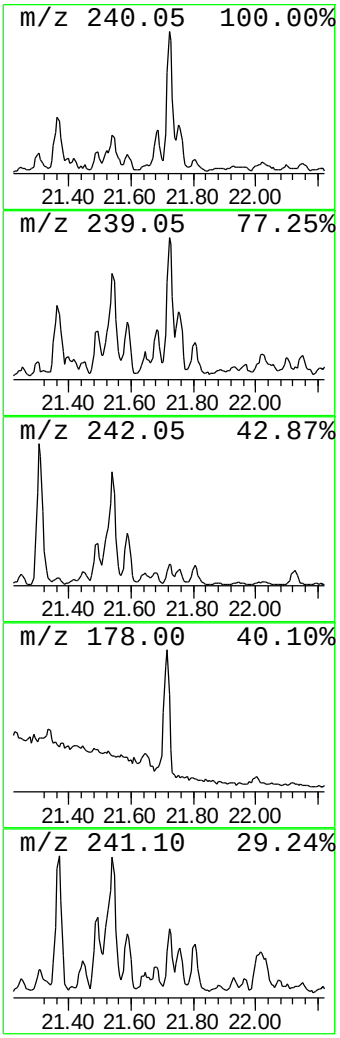
Peak Number 11 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	2.24 ng/ul	483149	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Cyclopenta[a]pyrene	240	C19H12	050861-05-7	49
2	5,6-Dimethyl-4-phenyl-3-cyanopyr...	240	C14H12N2S	094639-18-6	46
3	2-Propen-1-one, 1-(2-hydroxyphen...	240	C15H12O3	013323-66-5	32
4	Cyclohexane, hexaethylidene-	240	C18H24	001482-93-5	18
5	1,3,5-Triazin-2-amine, 4,6-dichl...	240	C9H6Cl2N4	002272-40-4	17





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Misc :
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Instrument : BNA_N
ClientSampleId : DBDM1

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Quant Title : SVOA CALIBRATION

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

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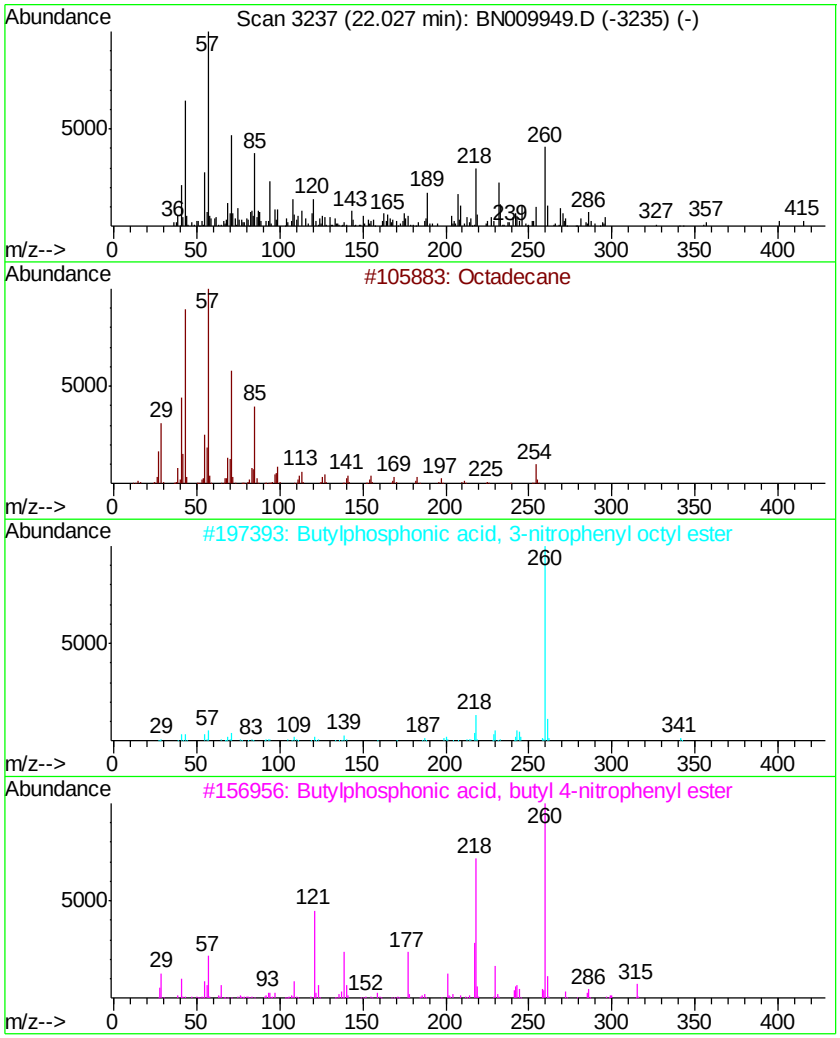
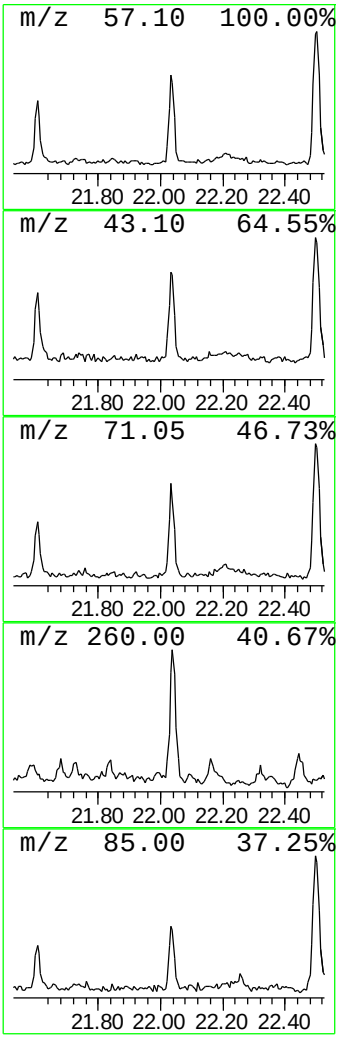
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.03	2.19 ng/ul	470481	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	50
2	Butylphosphonic acid, 3-nitrophe...	371	C18H30NO5P	1000323-15-6	27
3	Butylphosphonic acid, butyl 4-ni...	315	C14H22NO5P	1000323-14-1	22
4	L-Valine, N-(3-methoxy-2,4,5-tri...	473	C25H38F3NO4	1000346-43-7	10
5	Pyrido[1,2-a]benzimidazole, 6,7,...	260	C15H20N2S	1000264-07-2	10





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Sample : L1612-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDM1

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Quant Title : SVOA CALIBRATION

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

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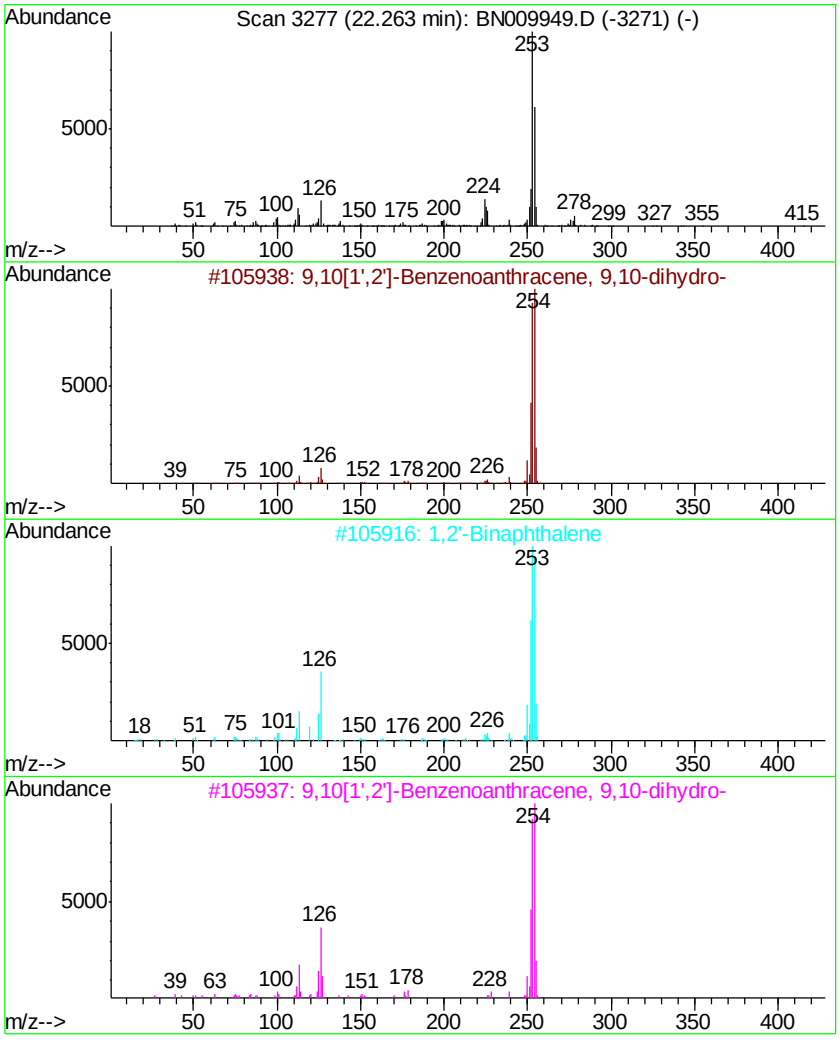
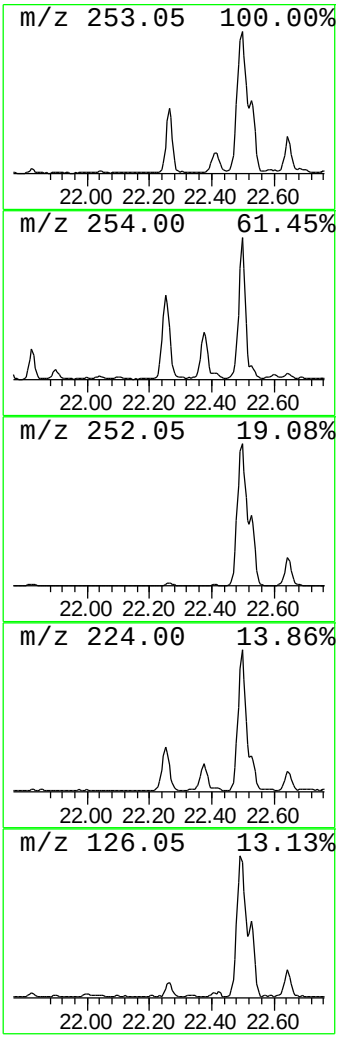
Peak Number 13 9,10[1',2']-Benzenoanthrace... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	15.65 ng/ul	1332600	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	81
2	1,2'-Binaphthalene	254	C20H14	004325-74-0	76
3	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	68
4	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	68
5	Imidazo[1,2-b]-1,2,4-triazine, 6...	254	C14H14N4O	1000277-24-4	64





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Misc :
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Instrument : BNA_N
ClientSampleId : DBDM1

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Quant Title : SVOA CALIBRATION

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

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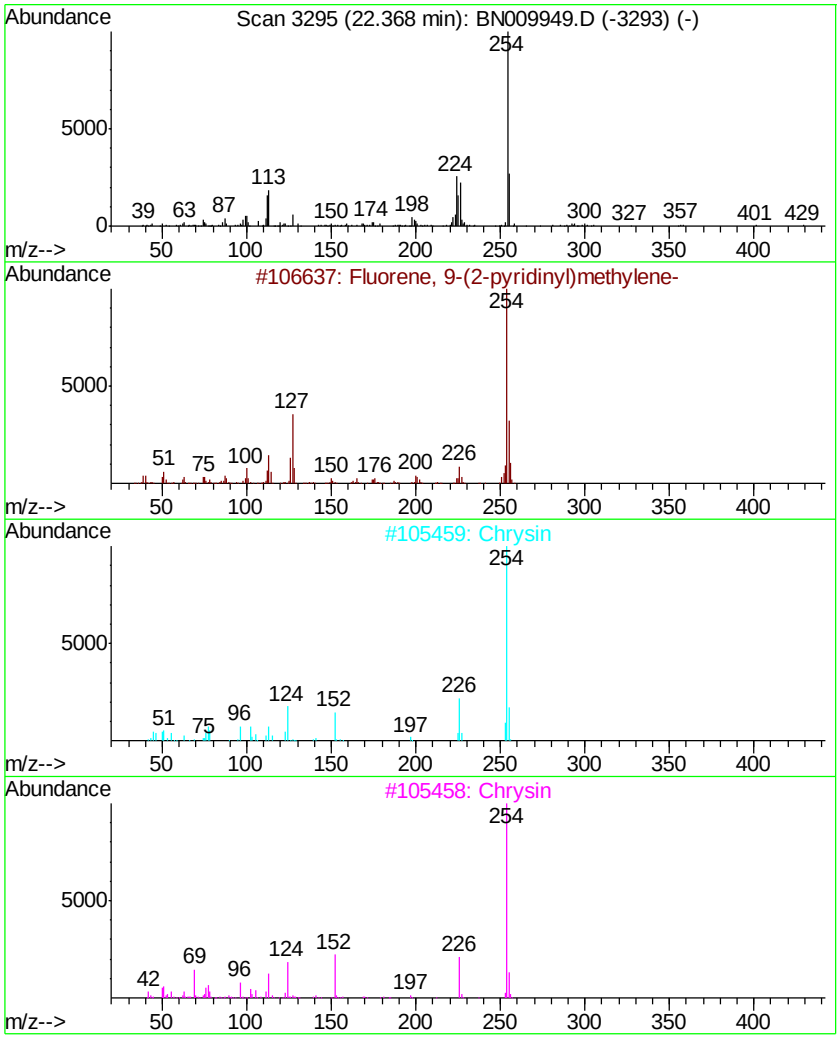
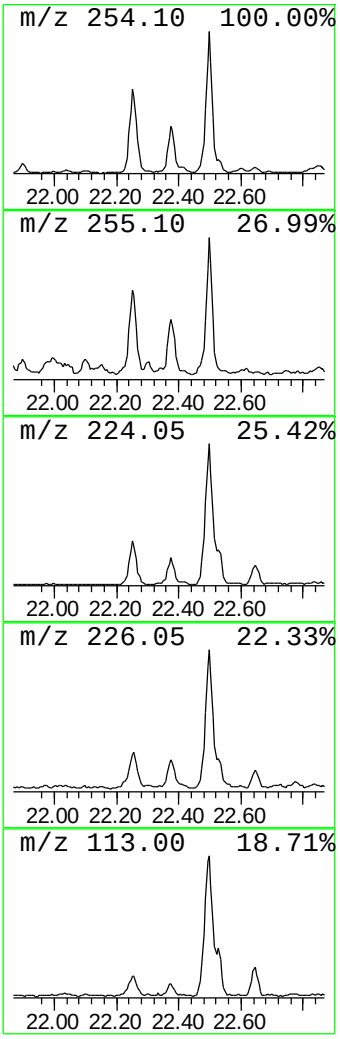
Peak Number 14 Fluorene, 9-(2-pyridinyl)me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	3.32 ng/ul	283060	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 9-(2-pyridinyl)methylene-	255	C19H13N	002871-27-4	50
2	Chrysin	254	C15H10O4	000480-40-0	50
3	Chrysin	254	C15H10O4	000480-40-0	50
4	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	47
5	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	45





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Misc :
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Quant Title : SVOA CALIBRATION

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

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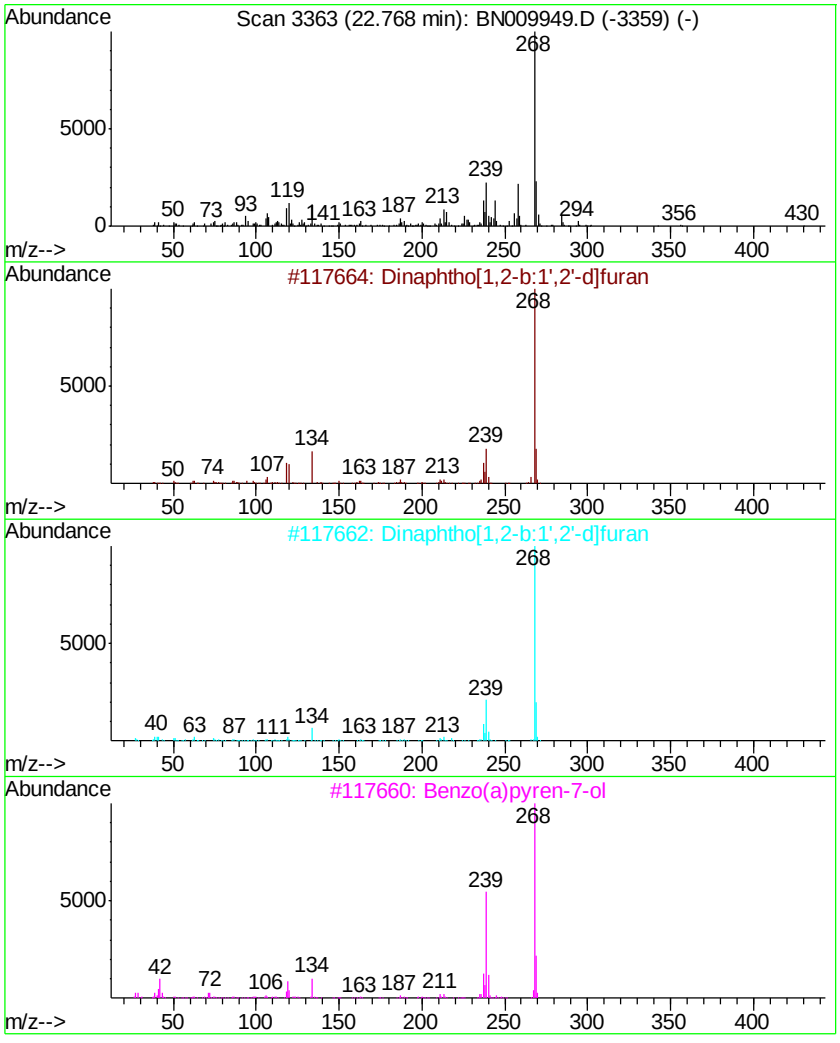
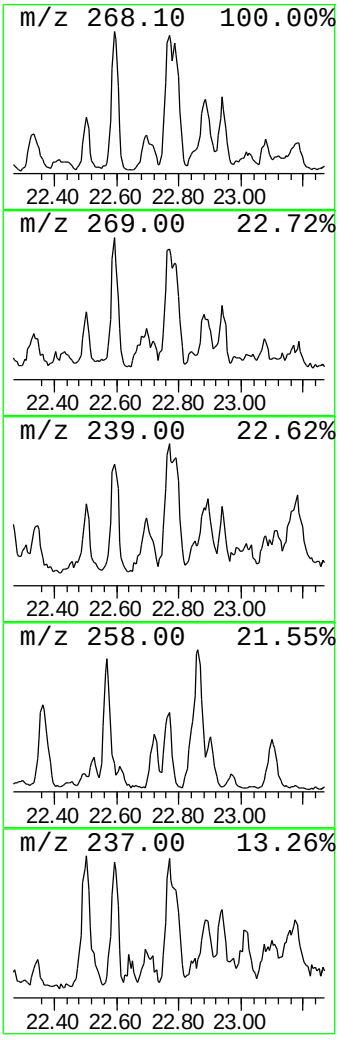
Peak Number 16 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	6.64 ng/ul	565547	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	89
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	81
3	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	64
4	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	64
5	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	59





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Quant Title : SVOA CALIBRATION

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

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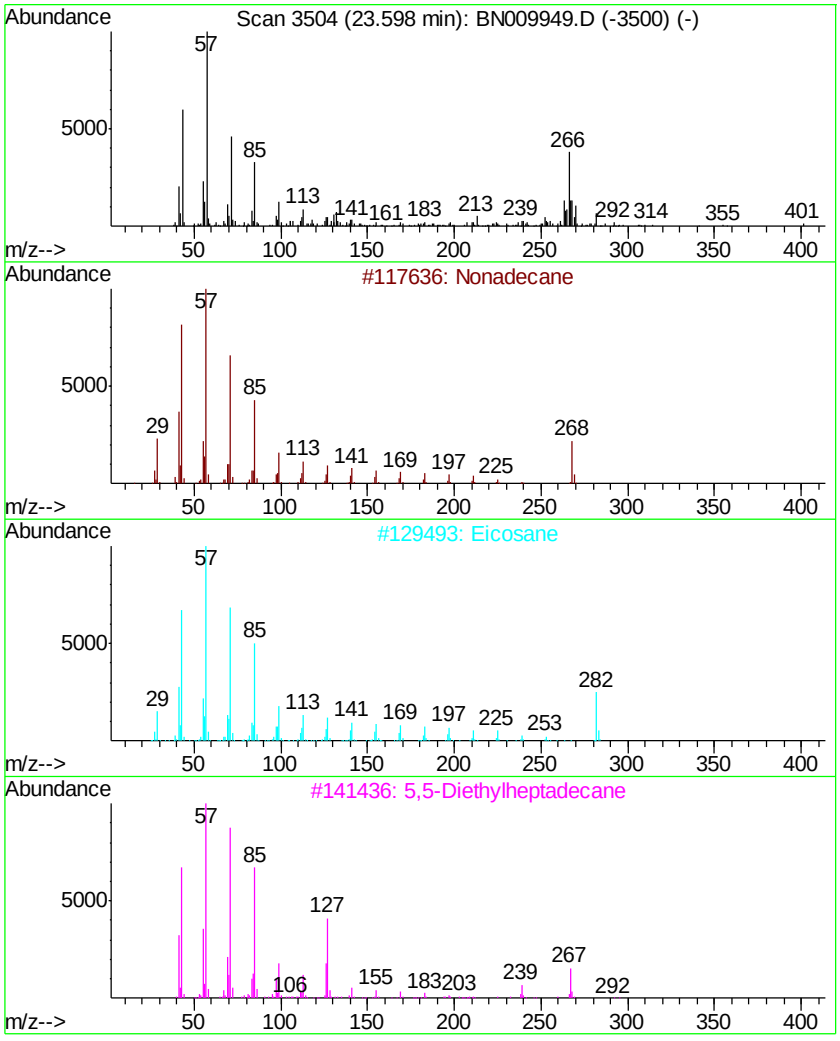
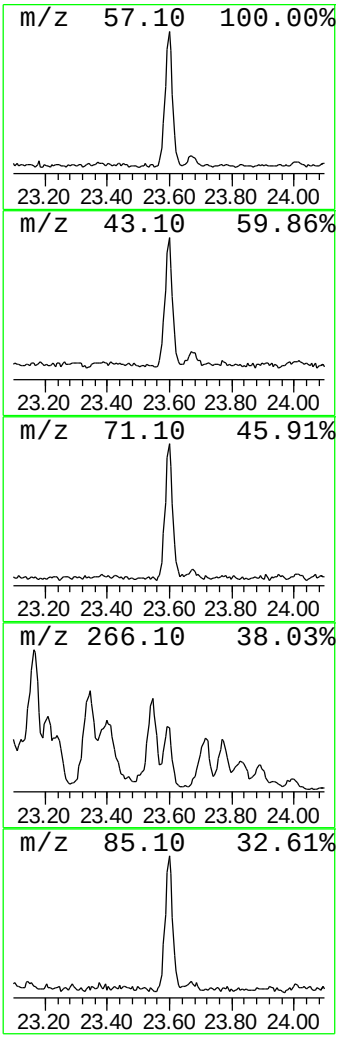
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	6.43 ng/ul	547725	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	64
2	Eicosane	282	C20H42	000112-95-8	38
3	5,5-Diethylheptadecane	296	C21H44	1000360-41-7	32
4	5-Methyldocosane	324	C23H48	025163-52-4	12
5	3,3-Diethylheptadecane	296	C21H44	1000360-41-6	12





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Acq On : 27 Feb 2020 04:19
Operator : CG/JU
Sample : L1612-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDM1

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Quant Title : SVOA CALIBRATION

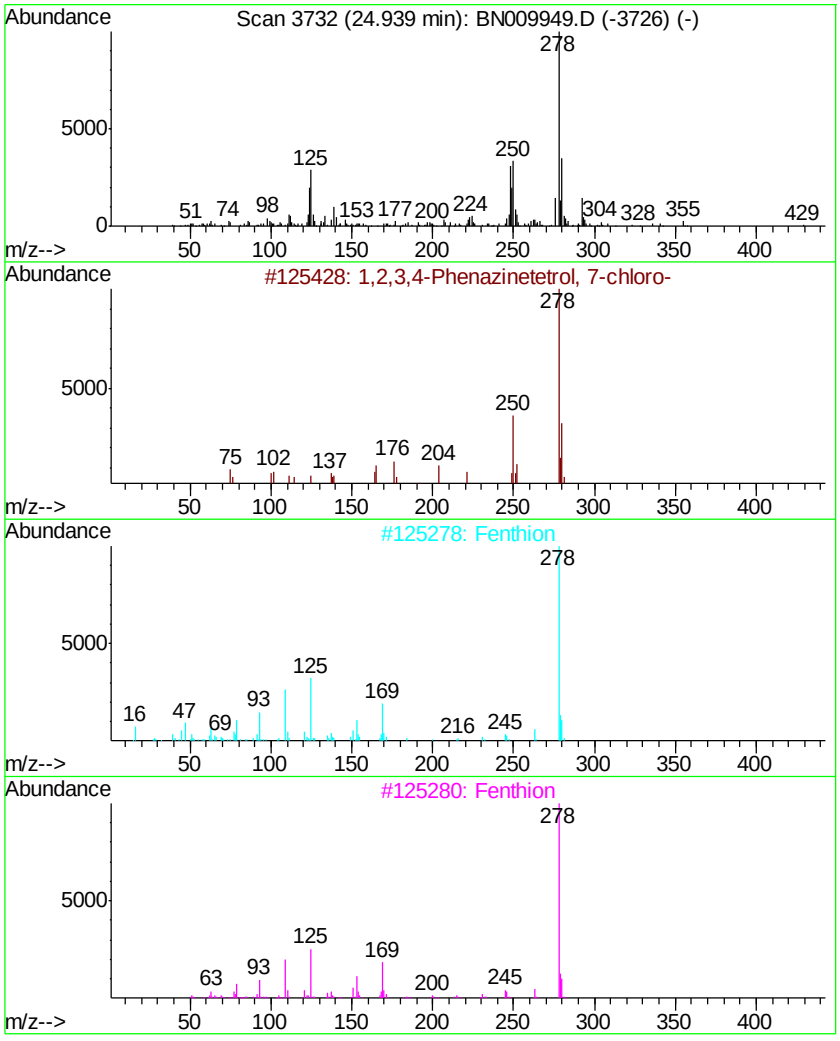
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

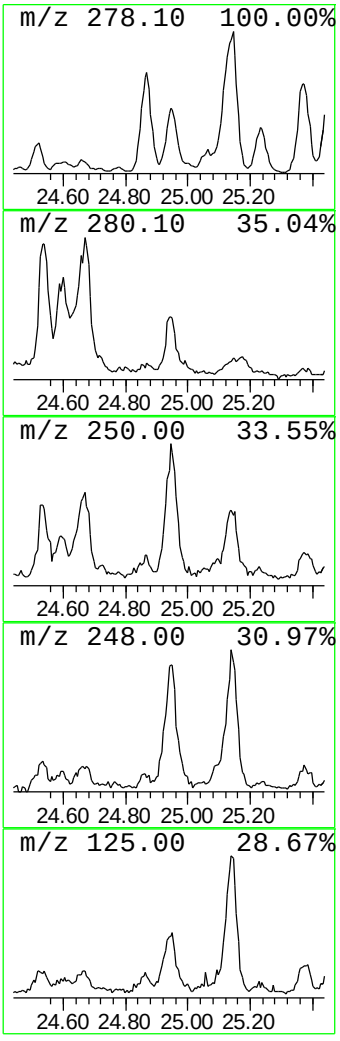
****

Peak Number 18 1,2,3,4-Phenazinetetrol, 7-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.94	7.65 ng/ul	651605	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4-Phenazinetetrol, 7-chloro-	278	C12H7ClN2O4	023774-10-9	53
2	Fenthion	278	C10H15O3PS2	000055-38-9	38
3	Fenthion	278	C10H15O3PS2	000055-38-9	38
4	1,2-Benzisothiazol-3(2H)-one, 2-...	313	C13H6Cl2FNOS	1000320-19-3	37
5	1,3,4-Thiadiazole, 2-(2,6-dichlo...	313	C9H4Cl2F3N3S	284489-49-2	37





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009949.D
Acq On : 27 Feb 2020 04:19
Operator : CG/JU
Sample : L1612-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDM1

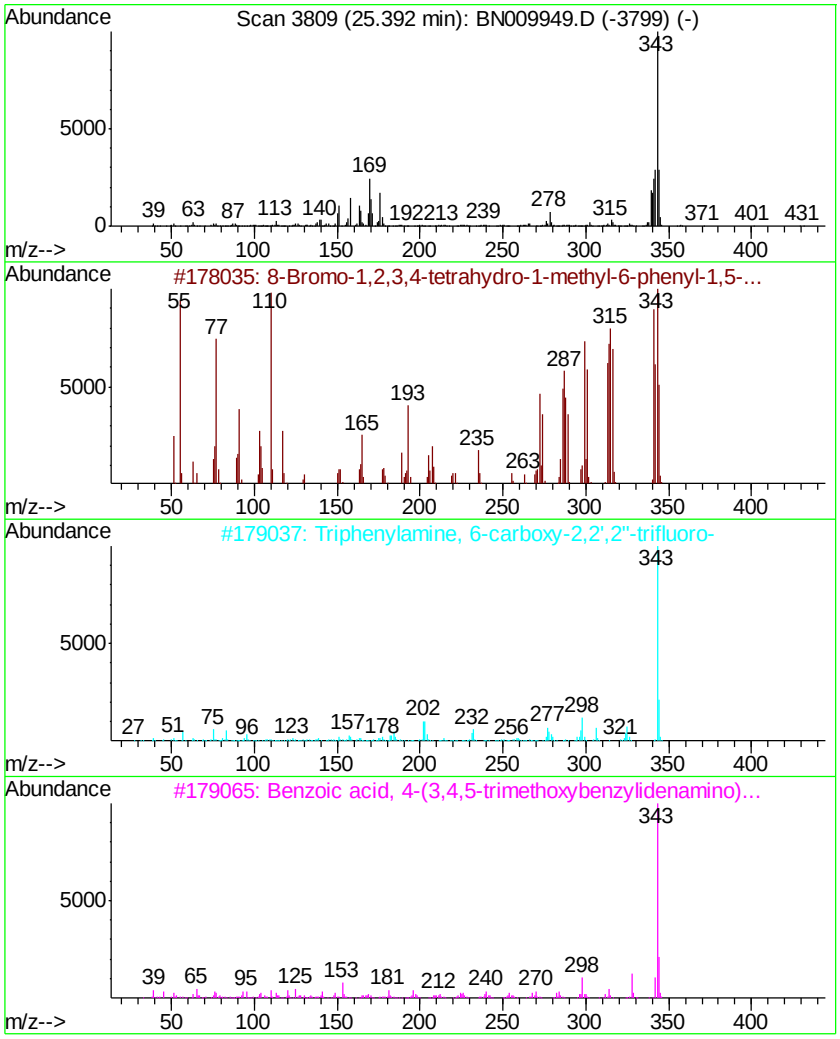
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

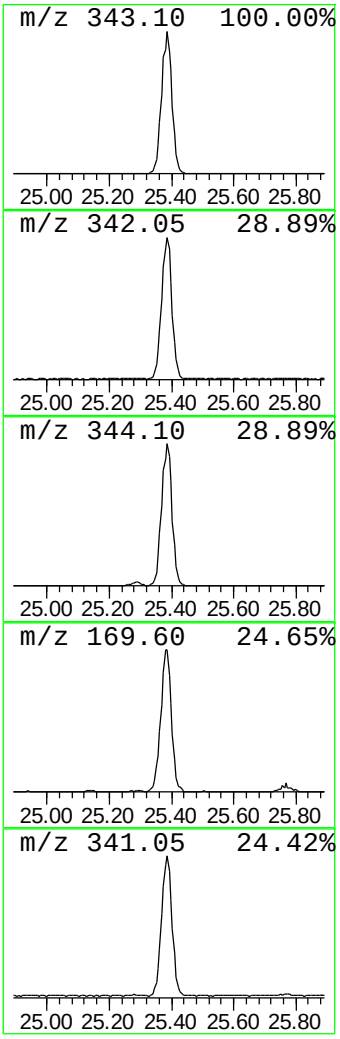
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 8-Bromo-1,2,3,4-tetrahydro-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.39	49.99 ng/ul	4257070	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Bromo-1,2,3,4-tetrahydro-1-met...	342	C17H15BrN2O	063563-58-6	87
2	Triphenylamine, 6-carboxy-2,2',2...	343	C19H12F3NO2	1000164-86-9	43
3	Benzoic acid, 4-(3,4,5-trimethox...	343	C19H21NO5	304683-21-4	37
4	1-[4-(Diethylamino)benzylidene]-...	343	C23H25N3	1000223-73-1	32
5	2-(p-Bromophenyl)-8-methyl-8H-th...	341	C17H12BrNS	022315-11-3	28





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022620\
Data File : BN009949.D
Acq On : 27 Feb 2020 04:19
Operator : CG/JU
Sample : L1612-19
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDM1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA 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
Benzene, 1-propynyl-	7.91	6.4	ng/ul	231169	1	7.38	718557	20.0
Phenanthrene, 2-m...	17.79	5.6	ng/ul	468287	4	16.78	1683960	20.0
Anthracene, 1-met...	17.86	3.1	ng/ul	260037	4	16.78	1683960	20.0
9,10-Anthracenedione	18.22	4.2	ng/ul	353142	4	16.78	1683960	20.0
Cyclopenta(def)ph...	18.73	2.9	ng/ul	245751	4	16.78	1683960	20.0
9-(Cyanomethylene...	19.47	3.6	ng/ul	773435	5	21.00	4305550	20.0
Pyrene, 1-methyl-	19.70	4.0	ng/ul	863778	5	21.00	4305550	20.0
Cyclopenta[cd]pyrene	20.72	4.9	ng/ul	1055350	5	21.00	4305550	20.0
Naphtho[2,1,8,7-k...	21.30	2.8	ng/ul	609323	5	21.00	4305550	20.0
Triphenylene, 2-m...	21.54	3.0	ng/ul	651872	5	21.00	4305550	20.0
unknown-01	21.72	2.2	ng/ul	483149	5	21.00	4305550	20.0
(DEL) Alkane: Str...	22.03	2.2	ng/ul	470481	5	21.00	4305550	20.0
9,10[1',2']-Benze...	22.26	15.7	ng/ul	1332600	6	23.10	1703050	20.0
Fluorene, 9-(2-py...	22.37	3.3	ng/ul	283060	6	23.10	1703050	20.0
Dinaphtho[1,2-b:1...	22.77	6.6	ng/ul	565547	6	23.10	1703050	20.0
(DEL) Alkane: Str...	23.60	6.4	ng/ul	547725	6	23.10	1703050	20.0
1,2,3,4-Phenazine...	24.94	7.7	ng/ul	651605	6	23.10	1703050	20.0
8-Bromo-1,2,3,4-t...	25.39	50.0	ng/ul	4257070	6	23.10	1703050	20.0