LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010046.D
Acq On : 02 Mar 2020 18:49
Operator : CG/JU
Sample : L1619-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDT7

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	3.510	84	89	96	rVB4	13471	24068	0.57%	0.054%
2	4.575	264	270	276	rBV	22727	33654	0.79%	0.076%
3	6.581	605	611	625	rBV	125723	264380	6.22%	0.594%
4	6.734	631	637	649	rBV	99165	175202	4.12%	0.394%
5	6.916	661	668	680	rBV	140062	250009	5.88%	0.562%
6	7.369	739	745	758	rBV	374075	616920	14.51%	1.386%
7	7.898	829	835	844	rBV2	47621	91588	2.15%	0.206%
8	8.092	861	868	883	rBV2	128332	256182	6.03%	0.576%
9	8.522	934	941	954	rBV	129456	260187	6.12%	0.585%
10	9.228	1055	1061	1074	rBV3	101031	203495	4.79%	0.457%
11	9.775	1149	1154	1168	rBV2	112061	275591	6.48%	0.619%
12	10.110	1205	1211	1224	rBV	529295	905031	21.29%	2.033%
13	10.292	1236	1242	1259	rBV2	70644	198988	4.68%	0.447%
14	12.922	1682	1689	1696	rBV2	38480	59494	1.40%	0.134%
15	13.439	1771	1777	1782	rBV	305155	459354	10.80%	1.032%
16	13.492	1782	1786	1793	rVB2	44035	71795	1.69%	0.161%
17	13.569	1793	1799	1806	rBV2	16813	28919	0.68%	0.065%
18	13.698	1815	1821	1836	rBV	345932	582594	13.70%	1.309%
19	14.010	1868	1874	1883	rVV	838430	1214978	28.58%	2.730%
20	14.298	1918	1923	1944	rBV3	49767	157618	3.71%	0.354%
21	15.016	2039	2045	2054	rBV	458156	668138	15.72%	1.501%
22	15.186	2065	2074	2085	rBV3	110714	224283	5.28%	0.504%
23	15.763	2165	2172	2183	rVV3	97164	190206	4.47%	0.427%
24	16.439	2280	2287	2293	rVB8	10890	25654	0.60%	0.058%
25	16.769	2337	2343	2355	rBV	1057504	1446110	34.01%	3.249%
26	16.868	2355	2360	2364	rVV	511355	746473	17.56%	1.677%
27	16.904	2364	2366	2373	rVV2	82010	116748	2.75%	0.262%
28	16.986	2373	2380	2385	rVV5	31126	59416	1.40%	0.133%
29	17.086	2393	2397	2403	rVB7	18289	33283	0.78%	0.075%
30	17.180	2408	2413	2417	rBV2	90833	149090	3.51%	0.335%
31	17.216	2417	2419	2424	rVB3	21983	29828	0.70%	0.067%
32	17.298	2430	2433	2439	rBV5	26367	47966	1.13%	0.108%
33	17.474	2458	2463	2470	rVB	70736	126429	2.97%	0.284%
34	17.574	2476	2480	2484	rBV	38040	51203	1.20%	0.115%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010046.D
Acq On : 02 Mar 2020 18:49
Operator : CG/JU
Sample : L1619-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDT7

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	17.698	2495	2501	2506	rBV5	55659	92763	2.18%	0.208%
36	17.745	2506	2509	2518	rVV4	39383	105580	2.48%	0.237%
37	17.845	2519	2526	2531	rVB4	64591	124257	2.92%	0.279%
38	18.010	2549	2554	2557	rVV4	45806	71540	1.68%	0.161%
39	18.051	2557	2561	2569	rVV8	26037	58324	1.37%	0.131%
40	18.121	2570	2573	2577	rVV3	20745	29615	0.70%	0.067%
41	18.163	2577	2580	2583	rVV3	24275	32250	0.76%	0.072%
42	18.204	2583	2587	2593	rVB4	52956	86403	2.03%	0.194%
43	18.380	2613	2617	2620	rVV3	41890	63666	1.50%	0.143%
44	18.415	2620	2623	2628	rVB7	18948	29115	0.68%	0.065%
45	18.498	2633	2637	2642	rBV8	20629	35386	0.83%	0.080%
46	18.574	2644	2650	2654	rBV3	52531	94457	2.22%	0.212%
47	18.633	2654	2660	2668	rVB4	63632	150808	3.55%	0.339%
48	18.721	2670	2675	2683	rBV	1459313	2135560	50.23%	4.798%
49	18.839	2689	2695	2703	rVB	1433203	1794269	42.20%	4.031%
50	18.945	2709	2713	2718	rVB	212293	259481	6.10%	0.583%
51	18.998	2719	2722	2726	rVB6	34572	43756	1.03%	0.098%
52	19.080	2730	2736	2742	rBV3	200301	363036	8.54%	0.816%
53	19.127	2742	2744	2748	rVB5	31338	33023	0.78%	0.074%
54	19.174	2748	2752	2755	rBV	763181	1121175	26.37%	2.519%
55	19.204	2755	2757	2762	rVB	919542	986750	23.21%	2.217%
56	19.292	2768	2772	2778	rVB5	73776	131862	3.10%	0.296%
57	19.398	2785	2790	2795	rBV3	71849	148060	3.48%	0.333%
58	19.457	2796	2800	2805	rVB	208843	284046	6.68%	0.638%
59	19.545	2808	2815	2821	rBV3	285513	625704	14.72%	1.406%
60	19.639	2828	2831	2833	rVV3	36671	34638	0.81%	0.078%
61	19.680	2833	2838	2849	rVB4	538123	1371211	32.25%	3.081%
62	19.815	2857	2861	2864	rBV2	128413	163302	3.84%	0.367%
63	19.868	2864	2870	2874	rVV3	378106	671452	15.79%	1.509%
64	19.904	2874	2876	2882	rVB	174683	209703	4.93%	0.471%
65	20.009	2890	2894	2898	rBV	374404	526585	12.39%	1.183%
66	20.057	2898	2902	2907	rVB2	269725	392615	9.23%	0.882%
67	20.151	2915	2918	2921	rBV3	63577	79390	1.87%	0.178%
68	20.274	2935	2939	2943	rBV5	100316	190828	4.49%	0.429%
69	20.380	2954	2957	2961	rVB4	84496	92843	2.18%	0.209%
70	20.433	2963	2966	2969	rVV2	102008	111213	2.62%	0.250%
71	20.474	2969	2973	2979	rVB	625833	776509	18.26%	1.745%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010046.D
Acq On : 02 Mar 2020 18:49
Operator : CG/JU
Sample : L1619-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDT7

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

72	20.627	2996	2999	3003	rBV2	216458	283975	6.68%	0.638%
73	20.668	3003	3006	3009	rBV3	342122	370671	8.72%	0.833%
74	20.704	3009	3012	3015	rBV	460300	625993	14.72%	1.406%
75	20.774	3020	3024	3029	rVB2	479180	694581	16.34%	1.561%
76	20.986	3050	3060	3065	rBV2	1749811	4251446	100.00%	9.552%
77	21.139	3082	3086	3090	rBV	570273	636883	14.98%	1.431%
78	21.168	3090	3091	3094	rVB3	103710	75866	1.78%	0.170%
79	21.292	3108	3112	3119	rVB	244711	350450	8.24%	0.787%
80	21.356	3119	3123	3126	rBV5	146499	203968	4.80%	0.458%
81	21.433	3133	3136	3139	rVB3	73426	80949	1.90%	0.182%
82	21.474	3140	3143	3146	rBV2	130785	177533	4.18%	0.399%
83	21.527	3146	3152	3155	rVV	283383	484273	11.39%	1.088%
84	21.580	3158	3161	3166	rVB3	149566	273588	6.44%	0.615%
85	21.709	3179	3183	3185	rBV	202032	241305	5.68%	0.542%
86	21.739	3185	3188	3192	rVV2	165991	212871	5.01%	0.478%
87	21.792	3194	3197	3204	rVB3	106601	203809	4.79%	0.458%
88	21.986	3226	3230	3233	rBV2	201003	280944	6.61%	0.631%
89	22.015	3233	3235	3243	rVB	204520	269299	6.33%	0.605%
90	22.245	3269	3274	3284	rBV4	146827	357375	8.41%	0.803%
91	22.474	3306	3313	3318	rBV	1767246	3779004	88.89%	8.491%
92	22.627	3335	3339	3344	rVB	133079	197985	4.66%	0.445%
93	22.903	3381	3386	3390	rBV	663124	1074791	25.28%	2.415%
94	22.951	3390	3394	3397	rVV	487742	771364	18.14%	1.733%
95	22.992	3397	3401	3407	rVV	1023301	1573630	37.01%	3.536%
96	23.080	3410	3416	3420	rVV	919423	1548734	36.43%	3.480%
97	23.121	3420	3423	3432	rVB2	232002	450606	10.60%	1.012%
98	23.568	3495	3499	3507	rVB	244561	434943	10.23%	0.977%
99	24.233	3607	3612	3619	rVB	185064	362902	8.54%	0.815%
100	25.109	3756	3761	3772	rVB2	269893	672096	15.81%	1.510%

Sum of corrected areas: 44507883

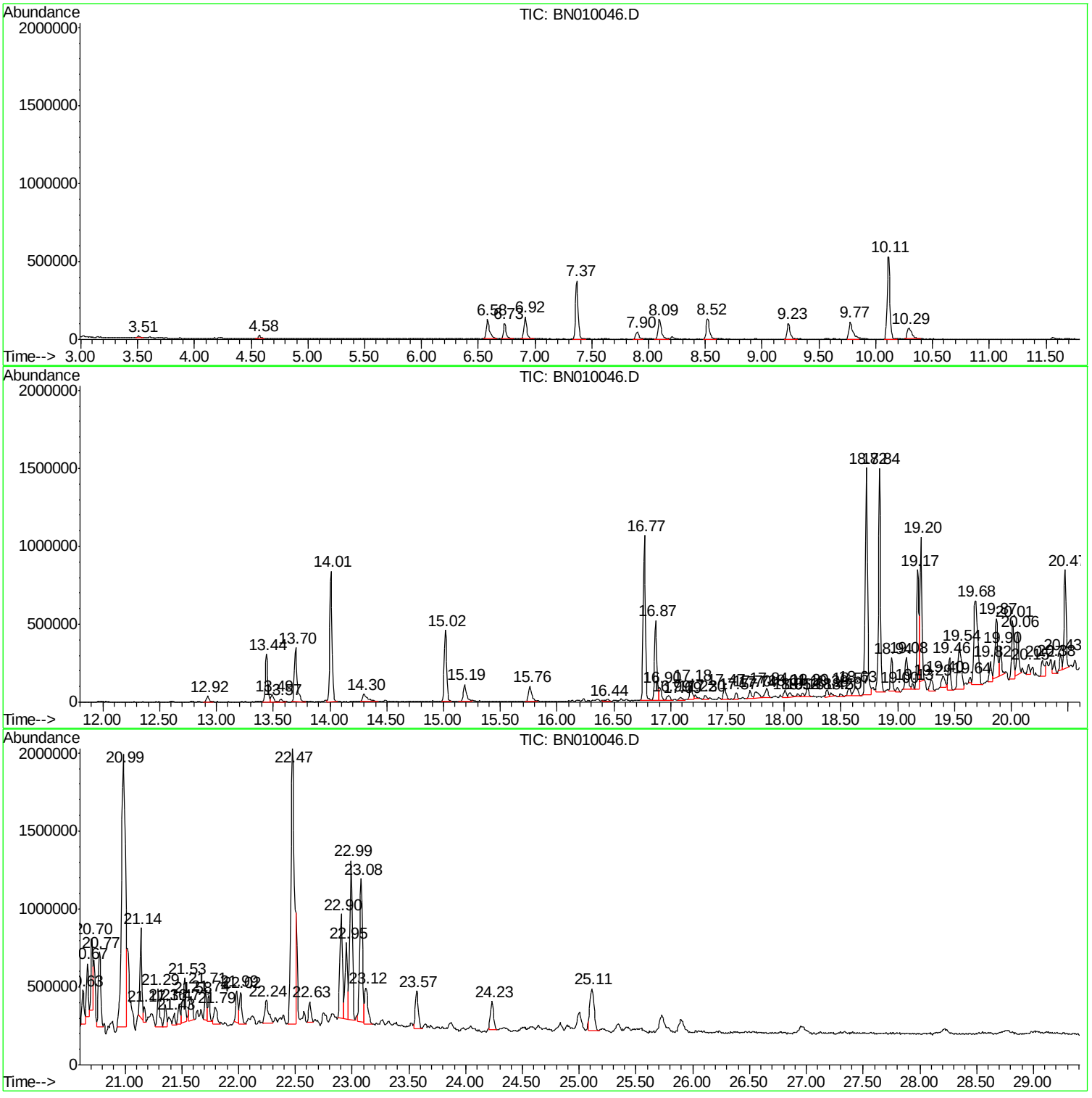
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010046.D
Acq On : 02 Mar 2020 18:49
Operator : CG/JU
Sample : L1619-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDT7

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010046.D
Acq On : 02 Mar 2020 18:49
Operator : CG/JU
Sample : L1619-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDT7

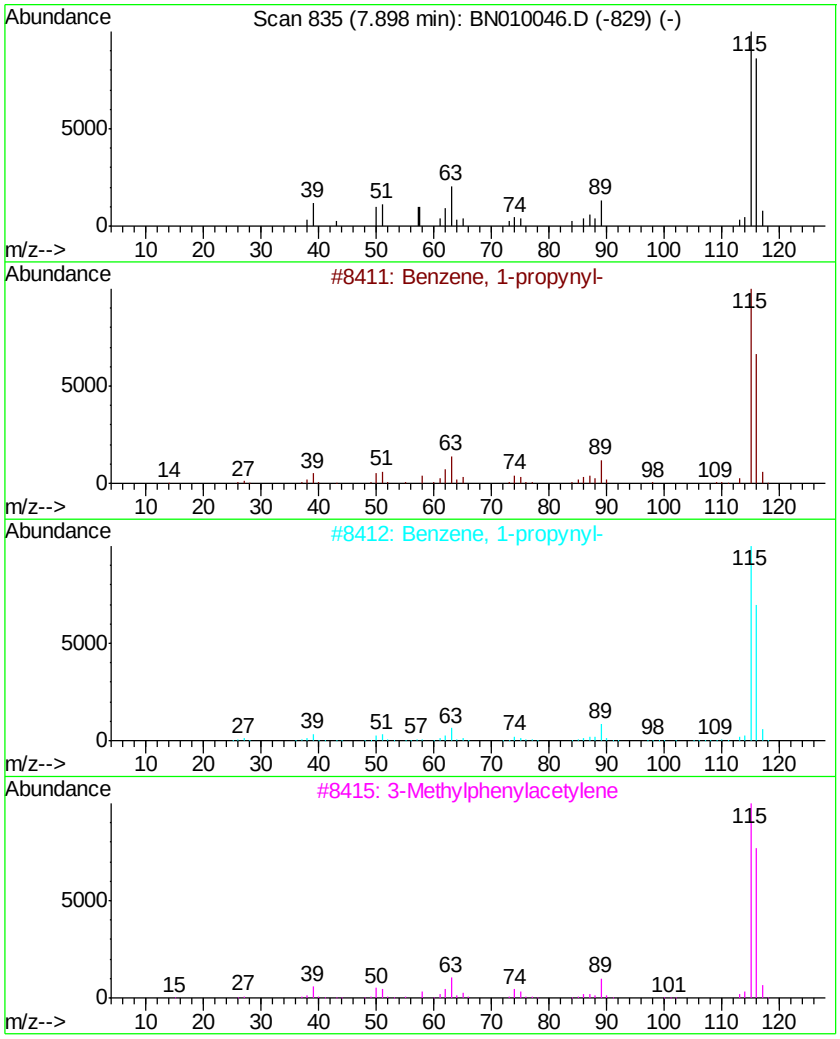
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

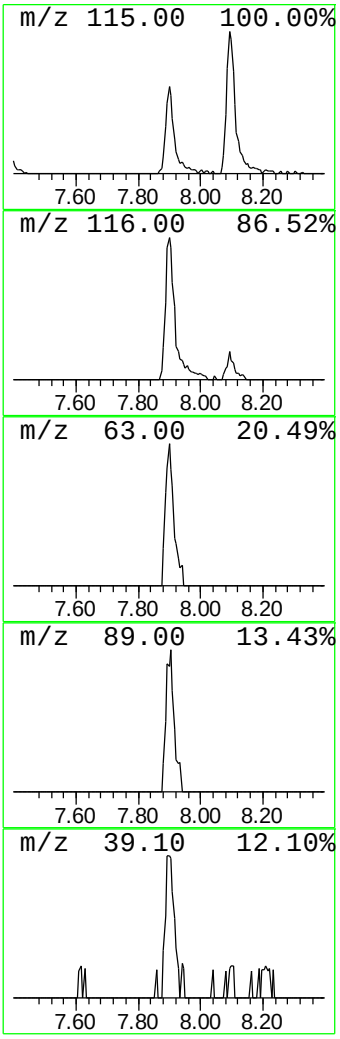
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-propynyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.90	2.97 ng/ul	91588	1,4-Dichlorobenzene-d4	7.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010046.D
Acq On : 02 Mar 2020 18:49
Operator : CG/JU
Sample : L1619-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDT7

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

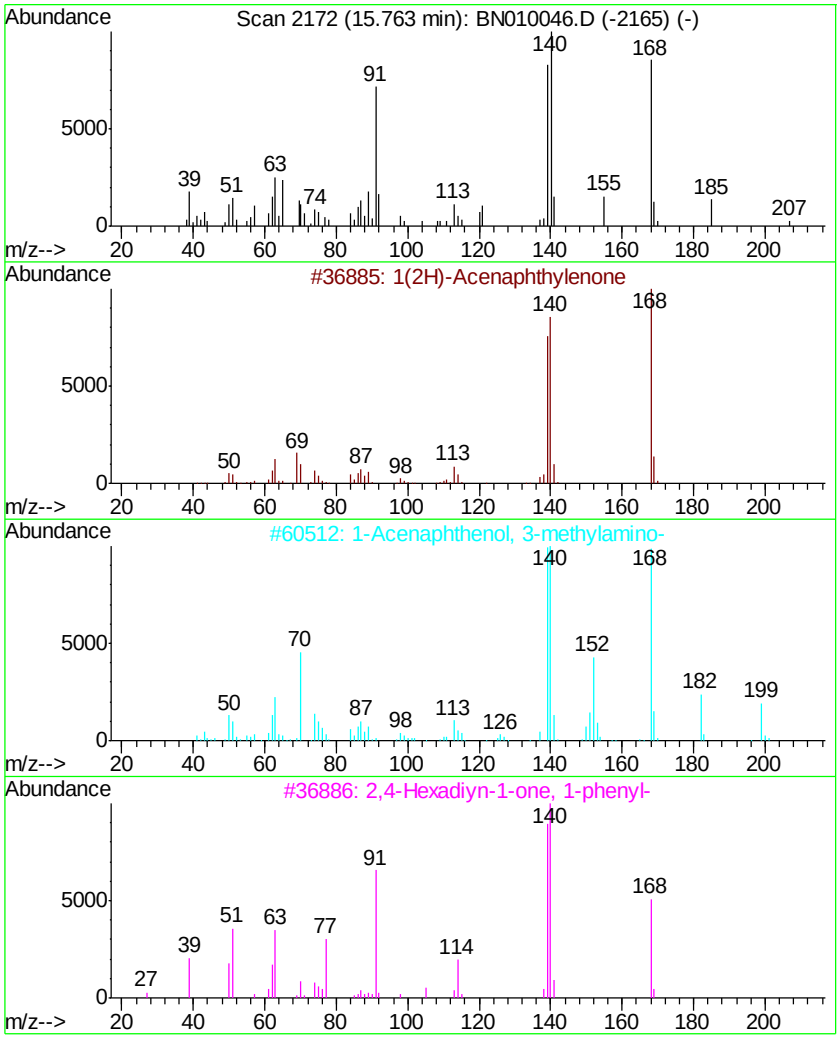
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

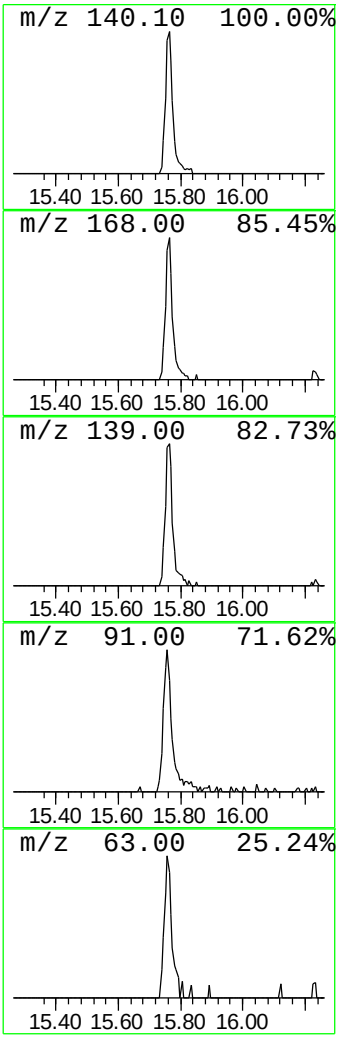
****

Peak Number 2 1(2H)-Acenaphthylenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	2.63 ng/ul	190206	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	96
2	1-Acenaphthenol, 3-methylamino-	199	C13H13NO	1000129-22-6	86
3	2,4-Hexadiyn-1-one, 1-phenyl-	168	C12H8O	000495-74-9	72
4	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	49
5	Dibenzofuran	168	C12H8O	000132-64-9	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010046.D
Acq On : 02 Mar 2020 18:49
Operator : CG/JU
Sample : L1619-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDT7

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

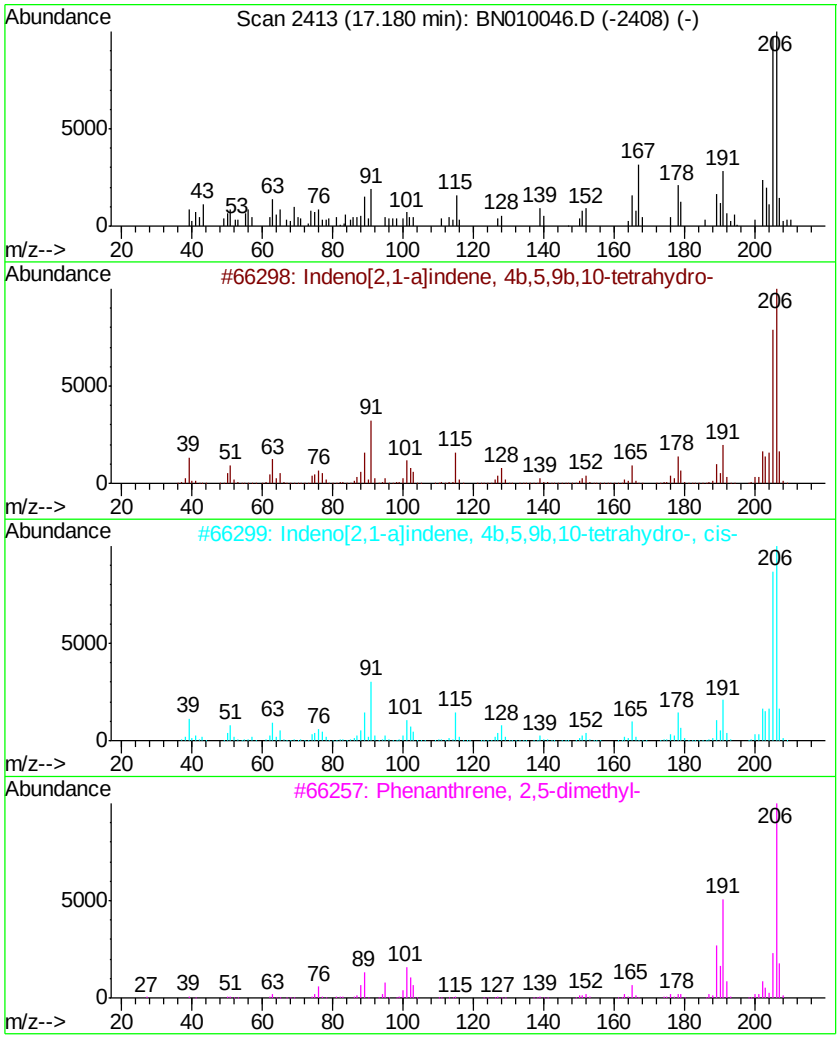
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

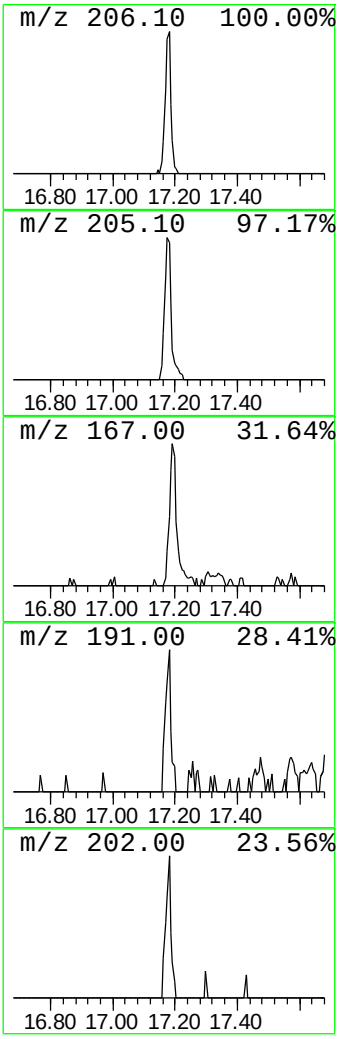
****

Peak Number 3 Indeno[2,1-a]indene, 4b,5,9... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.18	2.06 ng/ul	149090	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 4b,5,9b,10-...	206	C16H14	005695-17-0	90
2	Indeno[2,1-a]indene, 4b,5,9b,10-...	206	C16H14	016293-79-1	90
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
4	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	64
5	trans-.beta.-Cyano-3-stilbazole	206	C14H10N2	049601-70-9	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010046.D
Acq On : 02 Mar 2020 18:49
Operator : CG/JU
Sample : L1619-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDT7

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

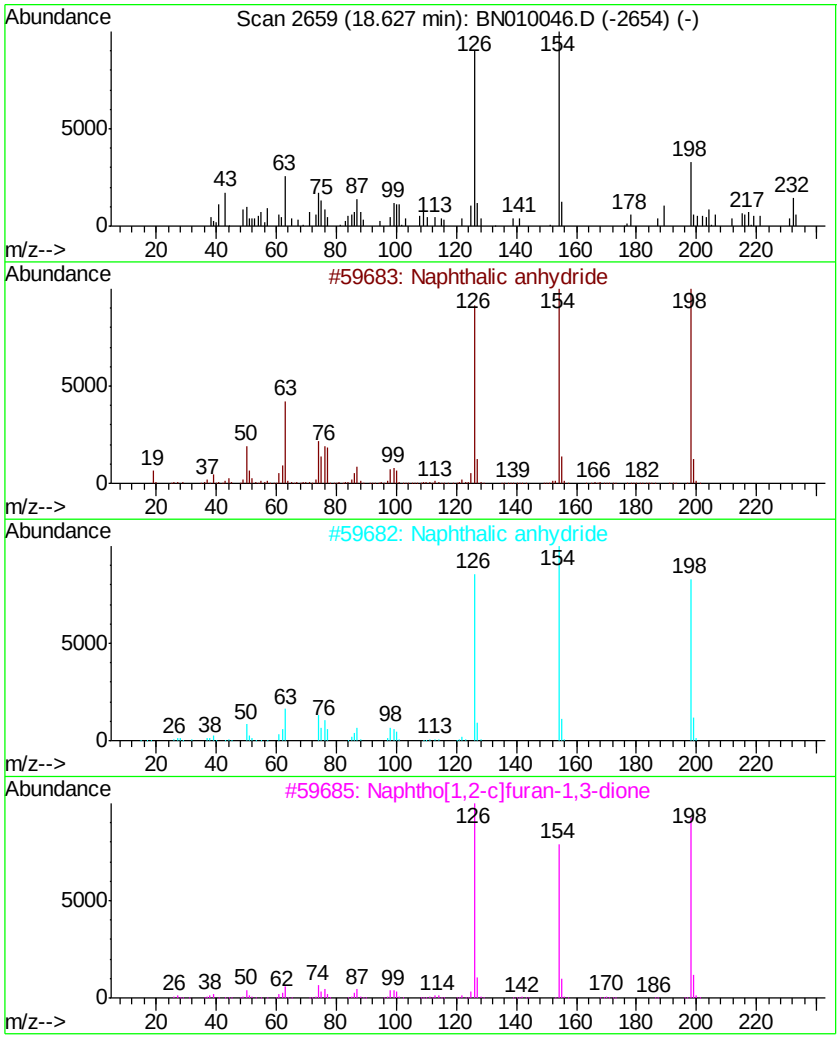
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

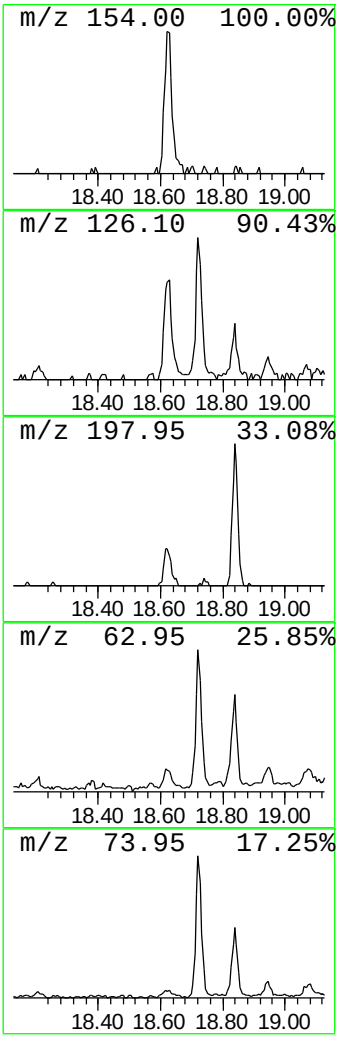
****

Peak Number 4 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	2.09 ng/ul	150808	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	45
2	Naphthalic anhydride	198	C12H6O3	000081-84-5	38
3	Naphtho[1,2-c]furan-1,3-dione	198	C12H6O3	005343-99-7	38
4	Naphthalic anhydride	198	C12H6O3	000081-84-5	30
5	4-Mercaptophenol	126	C6H6OS	000637-89-8	15





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010046.D
Acq On : 02 Mar 2020 18:49
Operator : CG/JU
Sample : L1619-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDT7

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

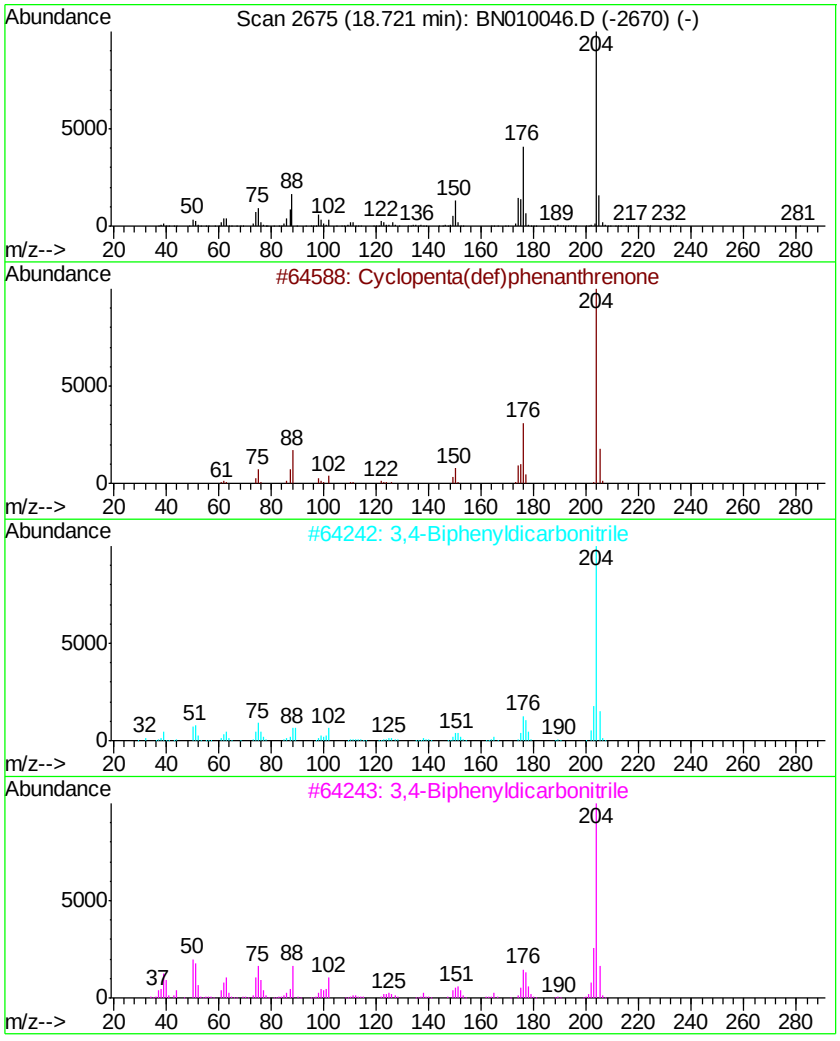
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

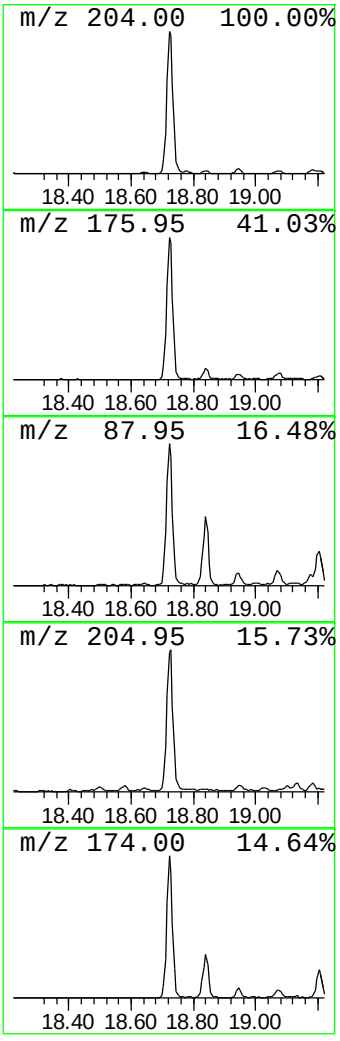
****

Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	29.54 ng/ul	2135560	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53





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Acq On : 02 Mar 2020 18:49
Operator : CG/JU
Sample : L1619-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDT7

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Quant Title : SVOA CALIBRATION

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

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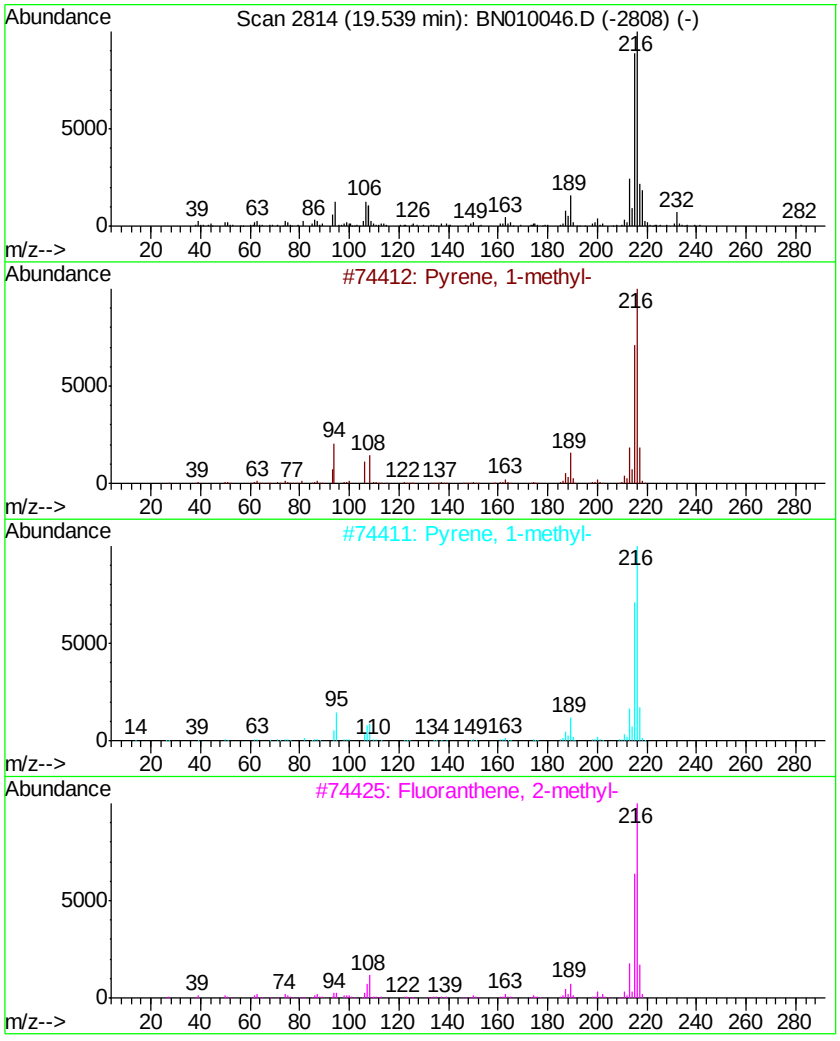
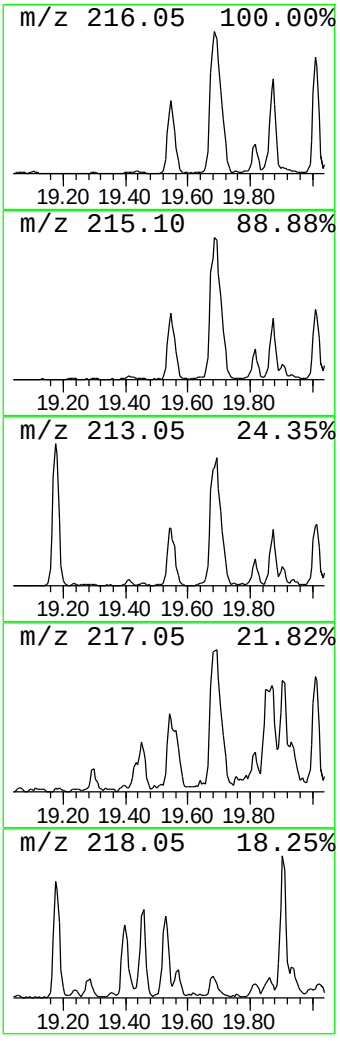
Peak Number 6 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	2.94 ng/ul	625704	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	92





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Sample : L1619-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDT7

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Quant Title : SVOA CALIBRATION

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

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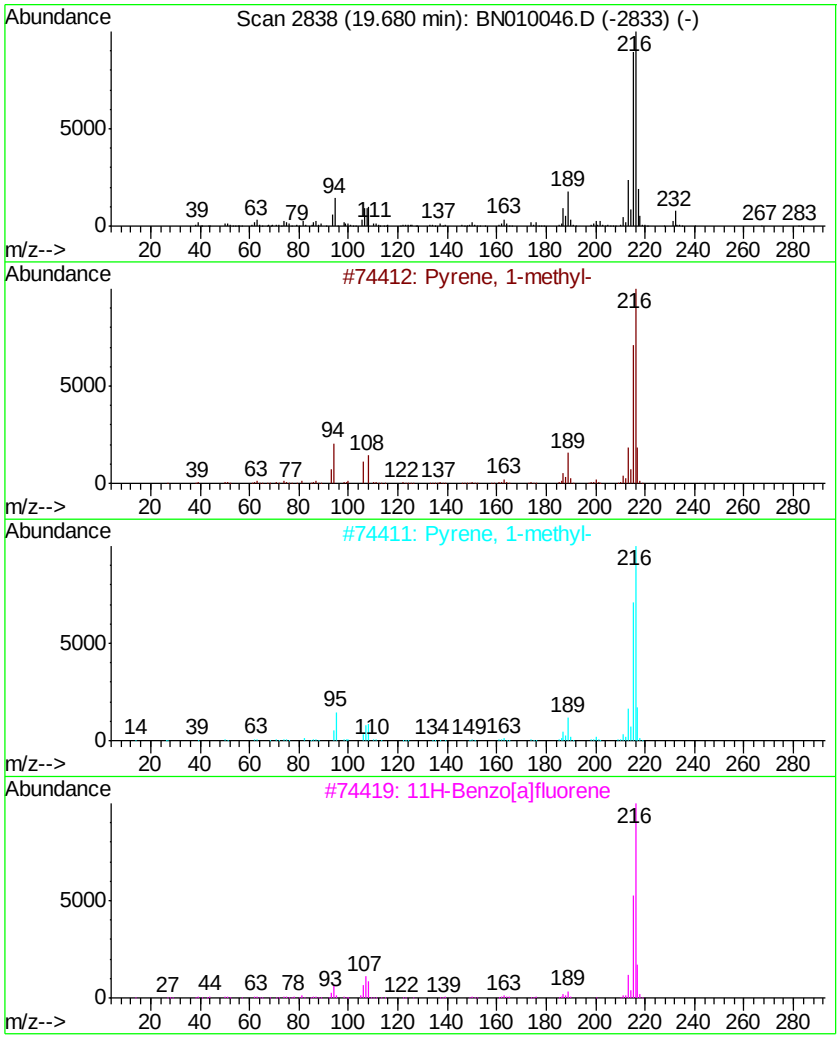
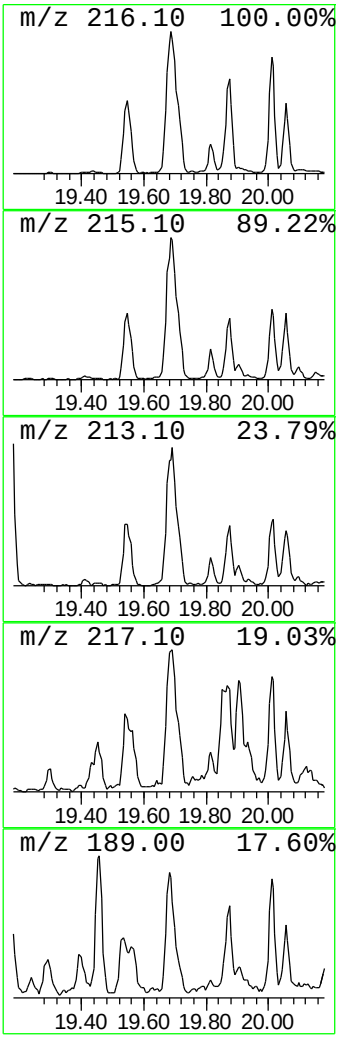
Peak Number 7 11H-Benzo[a]fluorene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	6.45 ng/ul	1371210	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Misc :
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Instrument : BNA_N
ClientSampleId : DBDT7

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Quant Title : SVOA CALIBRATION

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

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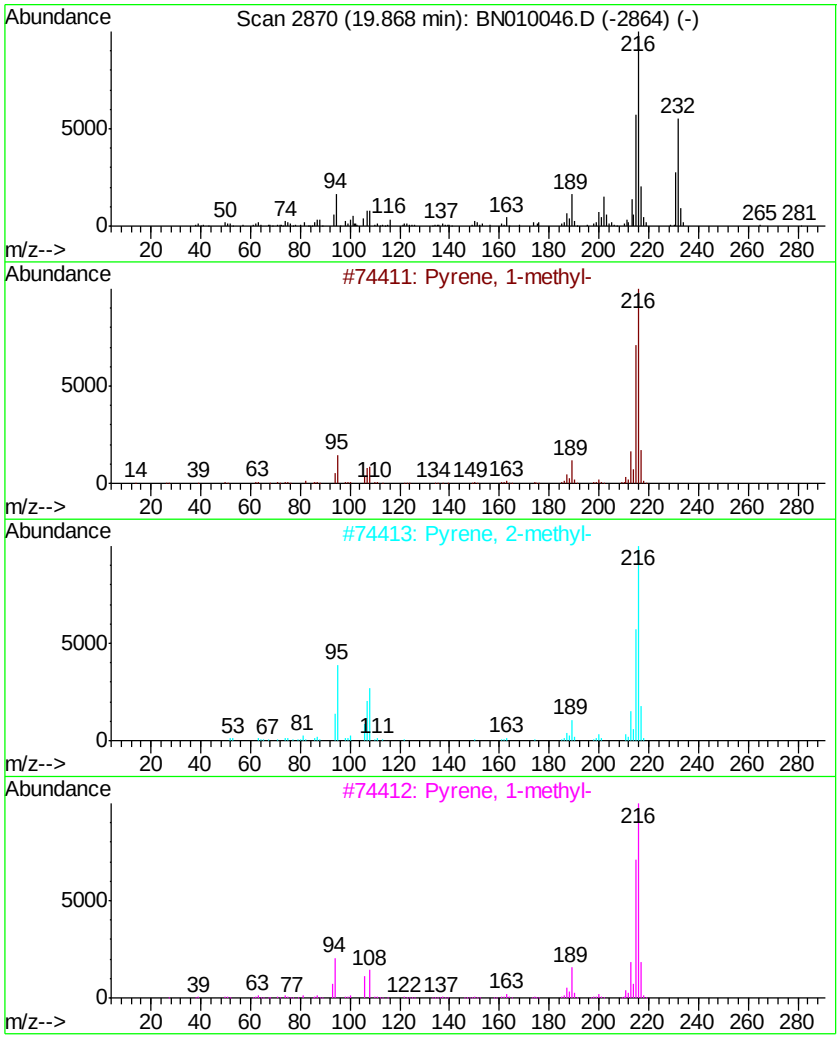
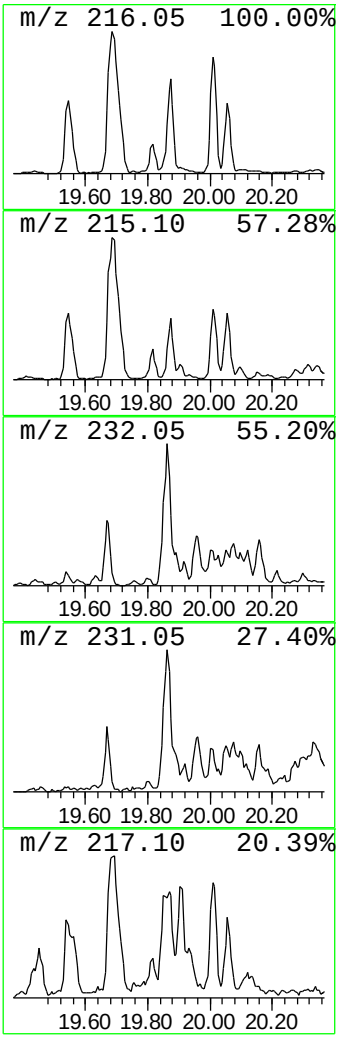
Peak Number 8 Pyrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	3.16 ng/ul	671452	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60





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Operator : CG/JU
Sample : L1619-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDT7

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Quant Title : SVOA CALIBRATION

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

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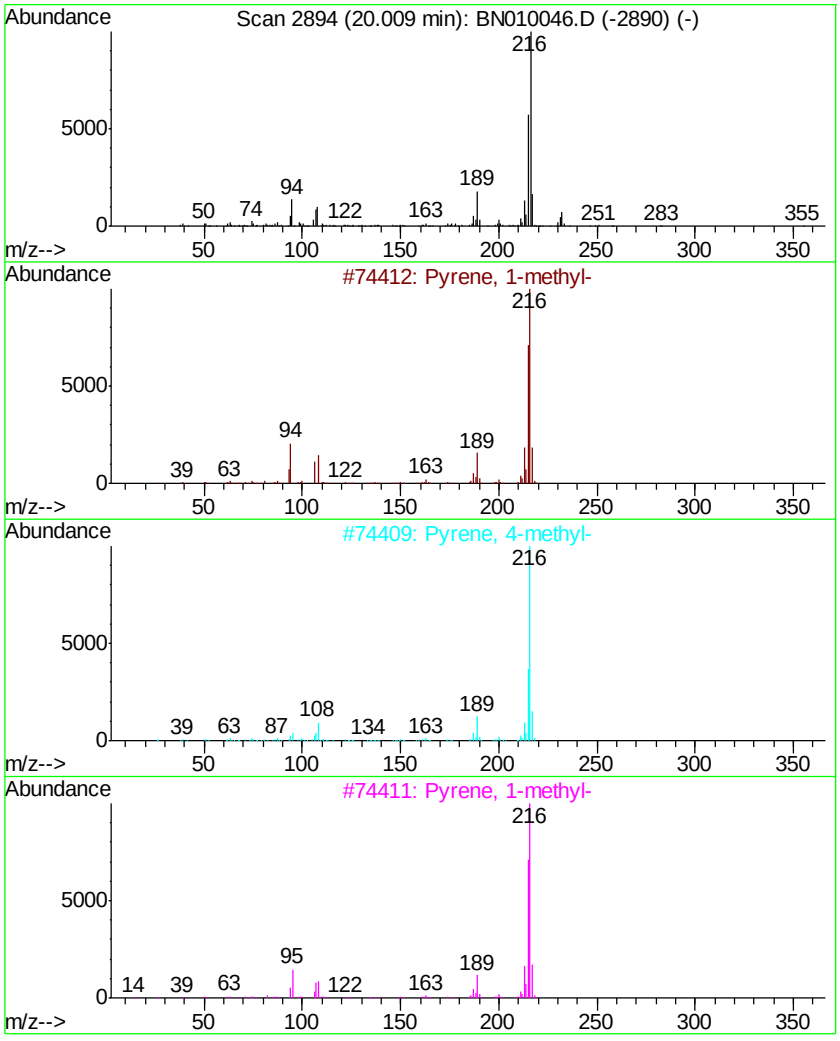
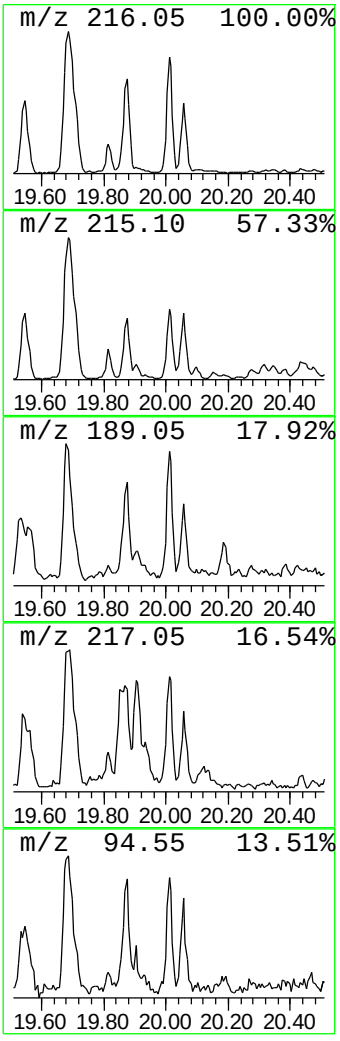
Peak Number 9 Pyrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.01	2.48 ng/ul	526585	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93





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Operator : CG/JU
Sample : L1619-01
Misc :
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ClientSampleId : DBDT7

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Quant Title : SVOA CALIBRATION

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

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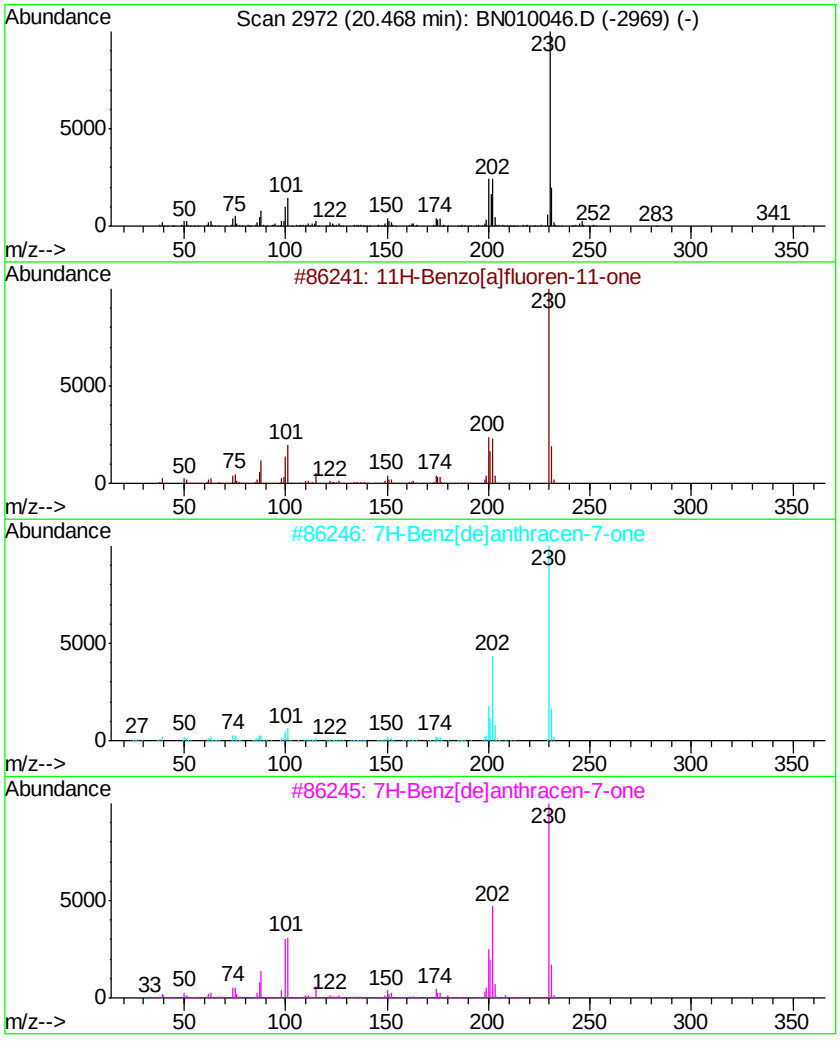
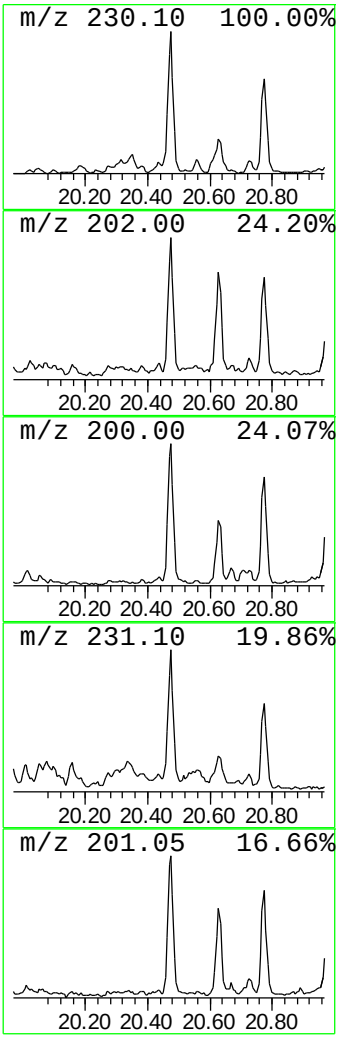
Peak Number 10 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.47	3.65 ng/ul	776509	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
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	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	76
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76





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Operator : CG/JU
Sample : L1619-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDT7

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Quant Title : SVOA CALIBRATION

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

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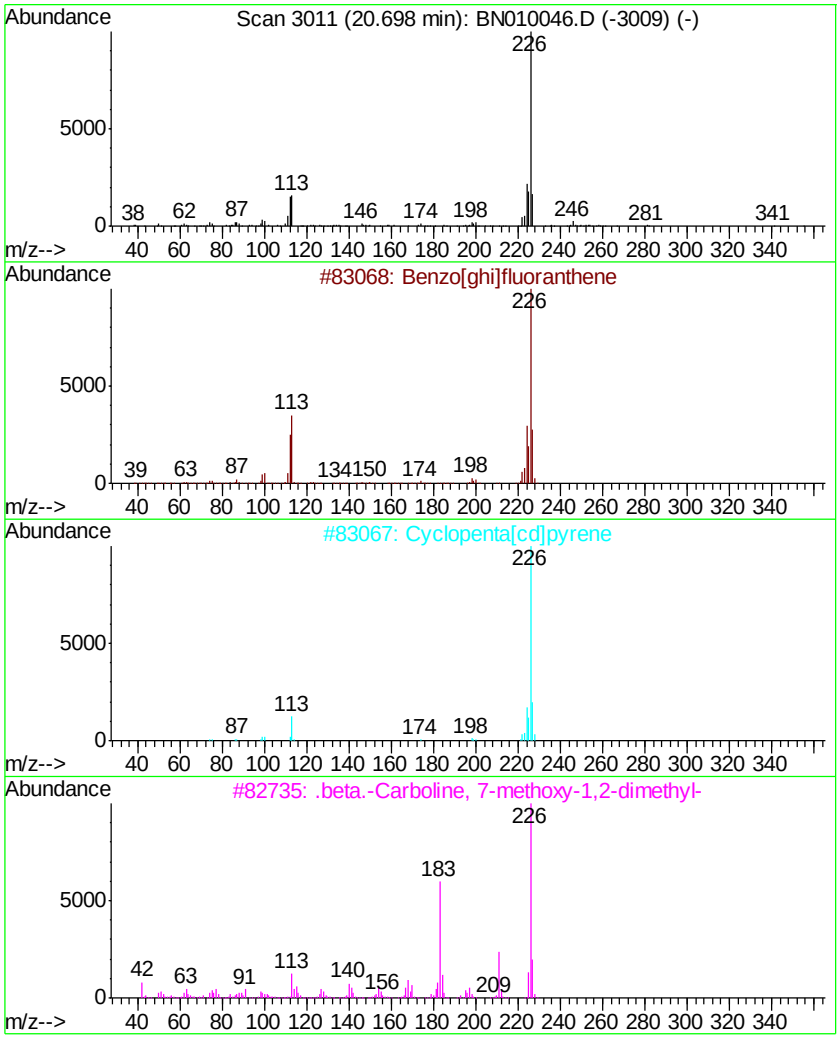
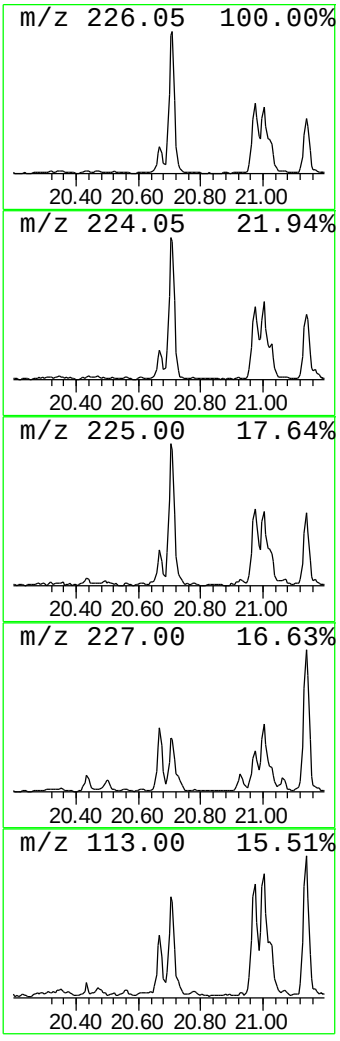
Peak Number 11 Benzo[ghi]fluoranthene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	2.94 ng/ul	625993	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	87
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	81
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	53
5	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	40





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Sample : L1619-01
Misc :
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Instrument : BNA_N
ClientSampleId : DBDT7

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Quant Title : SVOA CALIBRATION

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

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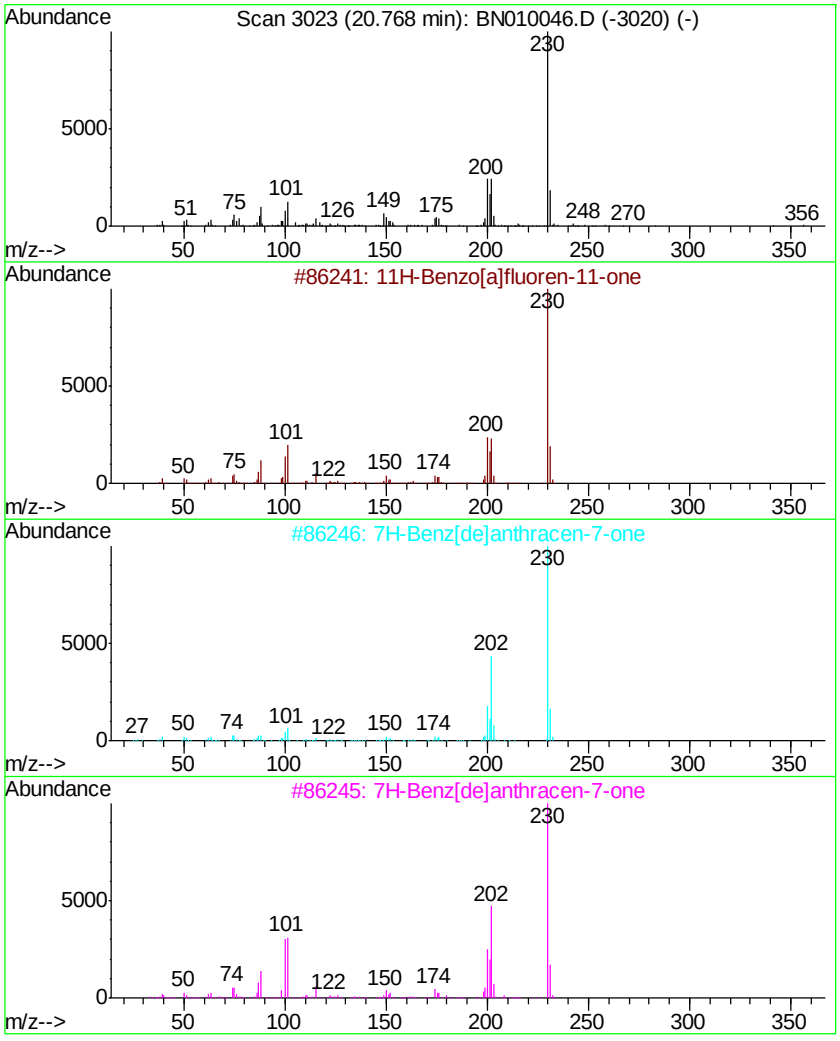
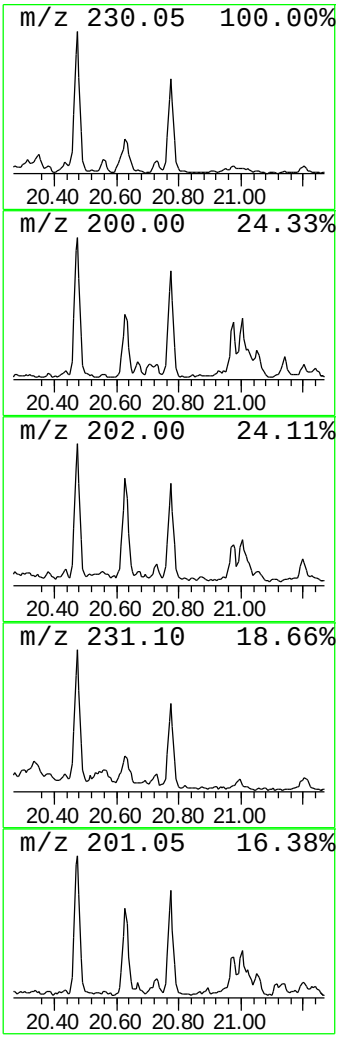
Peak Number 12 7H-Benz[de]anthracen-7-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	3.27 ng/ul	694581	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	62





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDT7

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Quant Title : SVOA CALIBRATION

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

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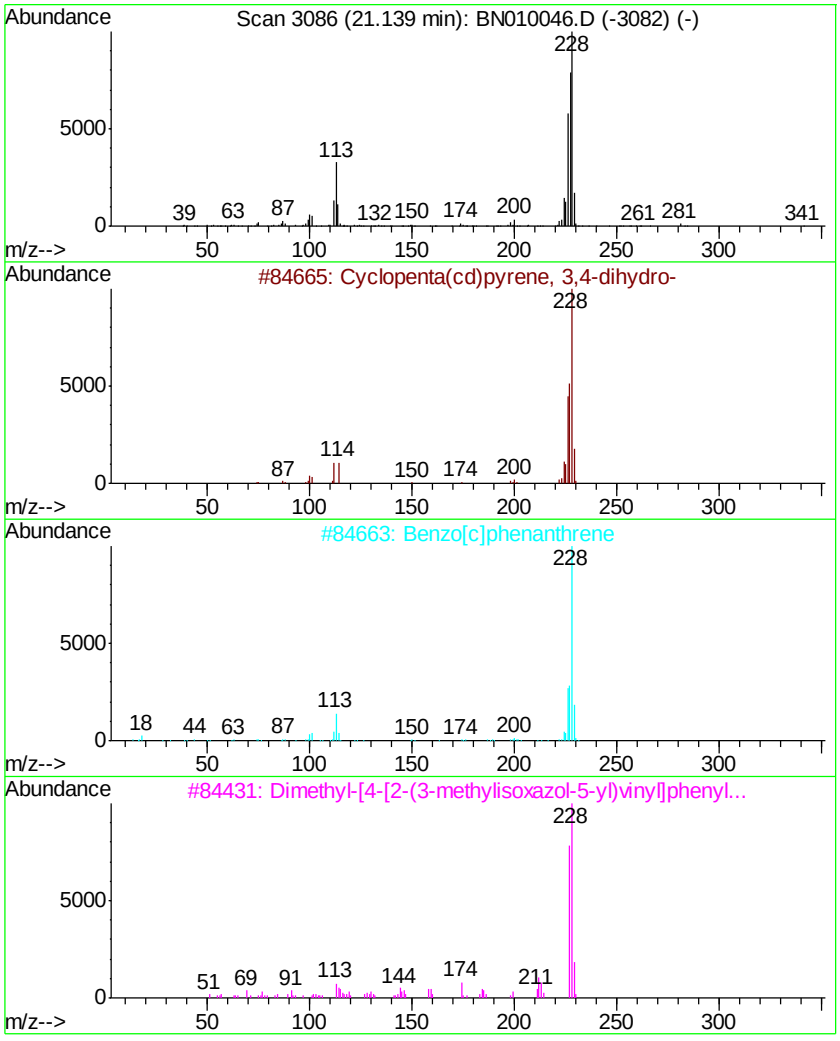
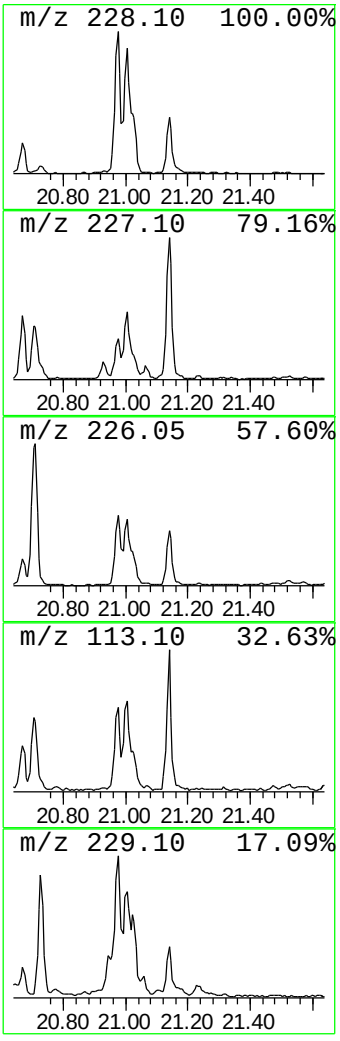
Peak Number 13 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	3.00 ng/ul	636883	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	90
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	53
3	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
5	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	47





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Quant Title : SVOA CALIBRATION

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

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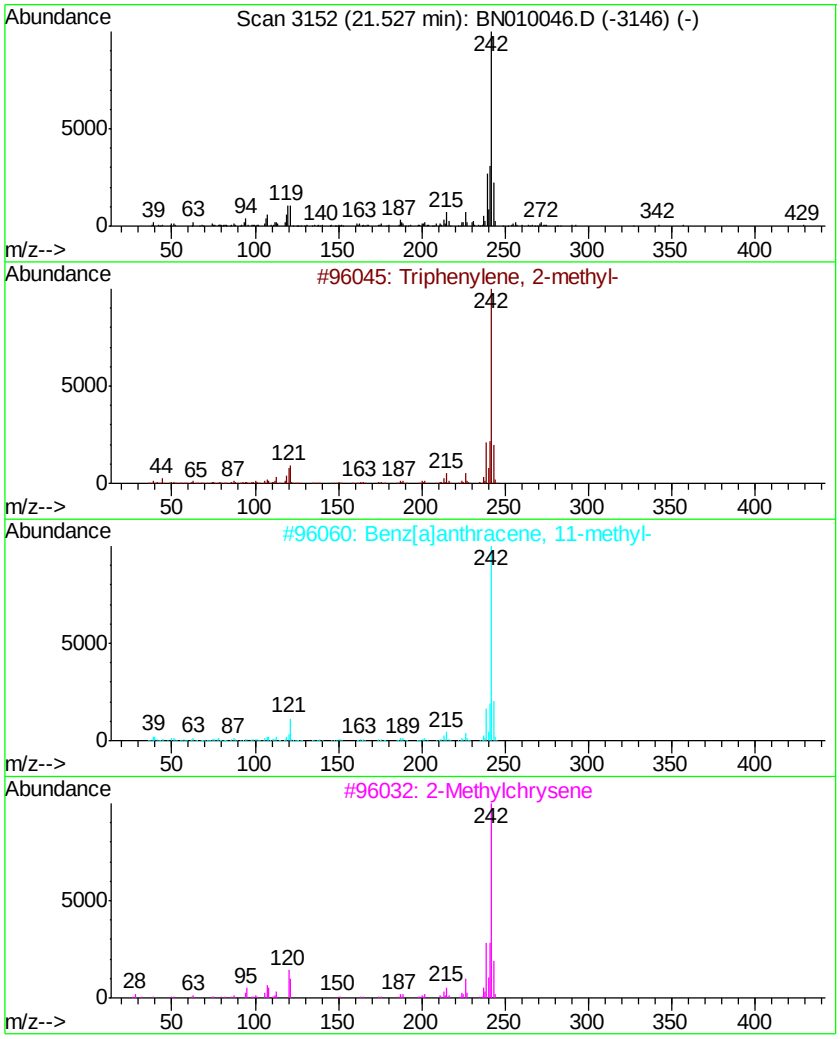
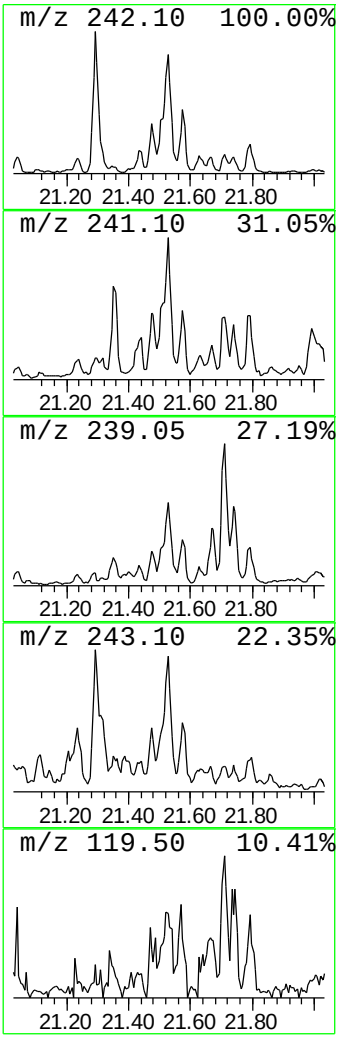
Peak Number 14 Triphenylene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.53	2.28 ng/ul	484273	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	94
3	2-Methylchrysene	242	C19H14	003351-32-4	93
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93





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Instrument : BNA_N
ClientSampleId : DBDT7

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Quant Title : SVOA CALIBRATION

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

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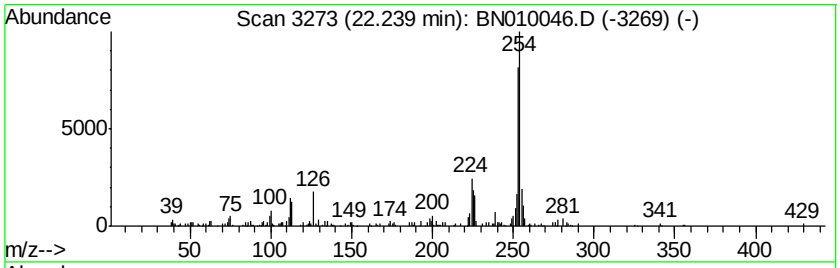
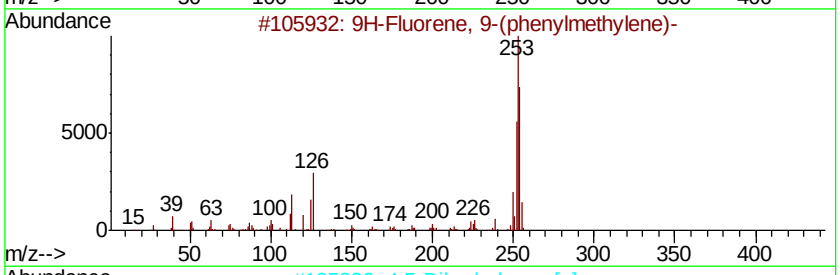
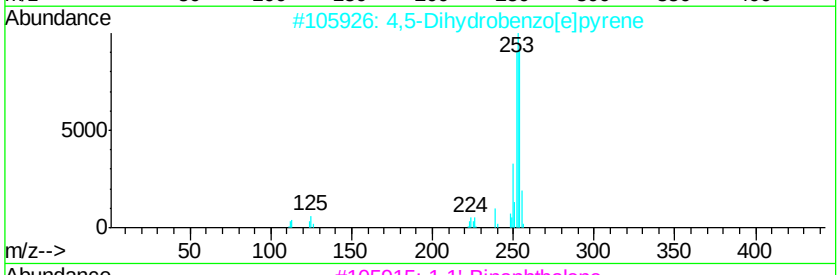
Peak Number 15 9H-Fluorene, 9-(phenylmethy... Concentration Rank 5

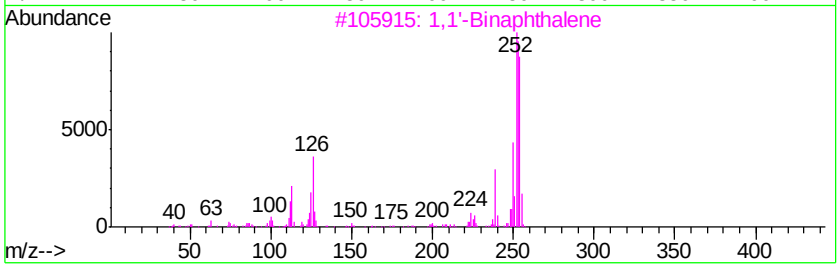
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	4.62 ng/ul	357375	Perylene-d12	23.08

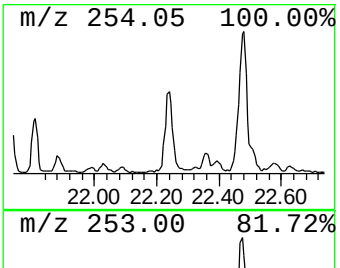
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	74
2	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	74
3	1,1'-Binaphthalene	254	C20H14	000604-53-5	72
4	4,6'-Biazulenyl	254	C20H14	094154-49-1	68
5	1,2'-Binaphthalene	254	C20H14	004325-74-0	64

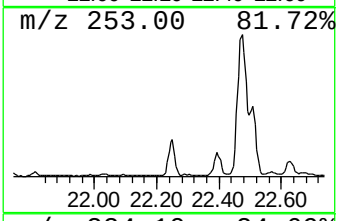


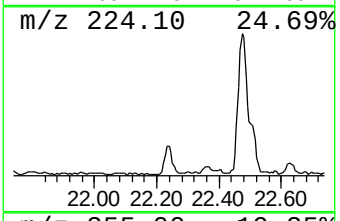


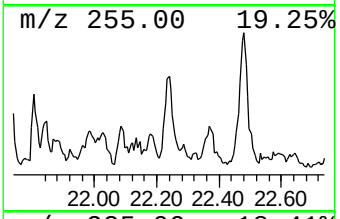


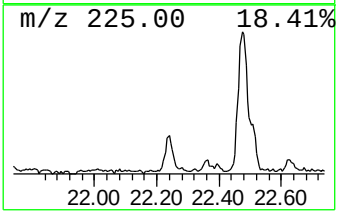












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Data File : BN010046.D
Acq On : 02 Mar 2020 18:49
Operator : CG/JU
Sample : L1619-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDT7

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

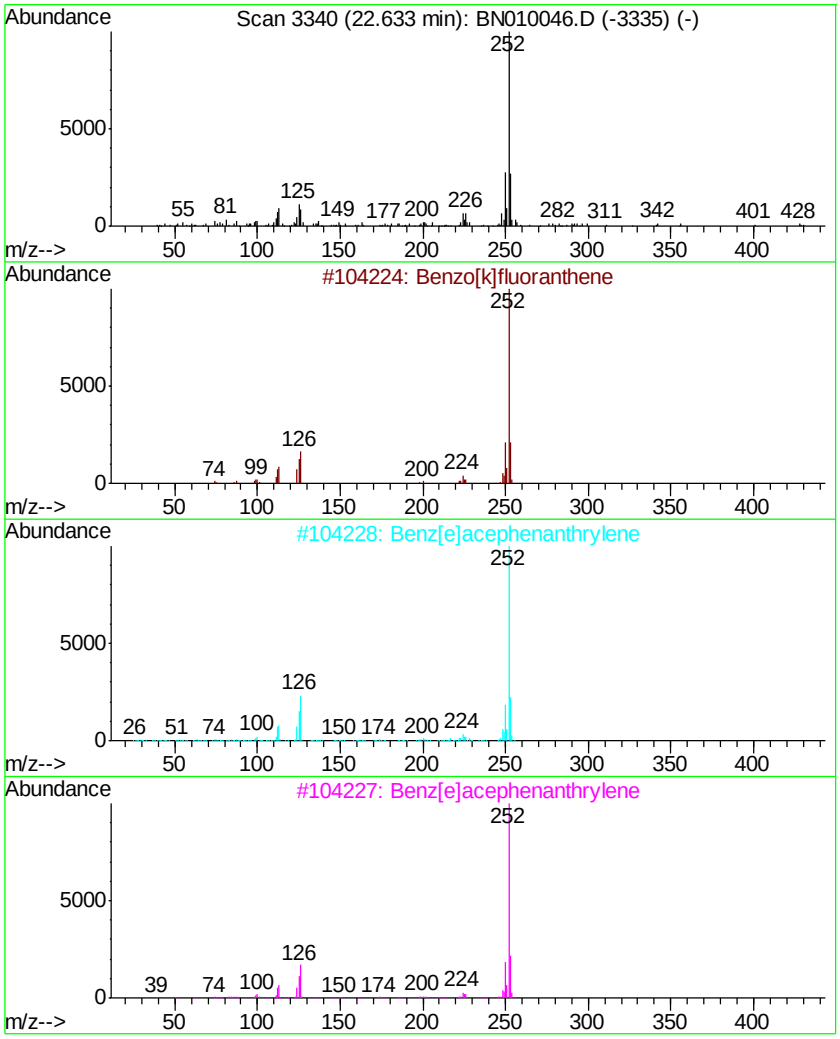
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

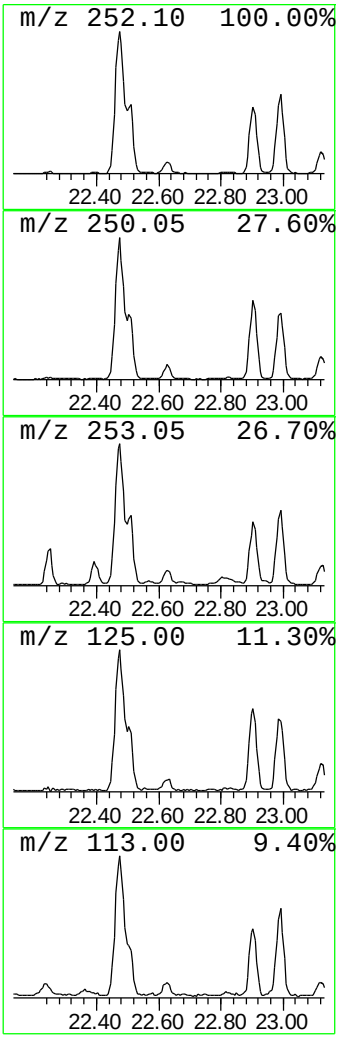
****

Peak Number 16 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	2.56 ng/ul	197985	Perylene-d12	23.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
4	Benzo[e]pyrene	252	C20H12	000192-97-2	81
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





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Data File : BN010046.D
Acq On : 02 Mar 2020 18:49
Operator : CG/JU
Sample : L1619-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDT7

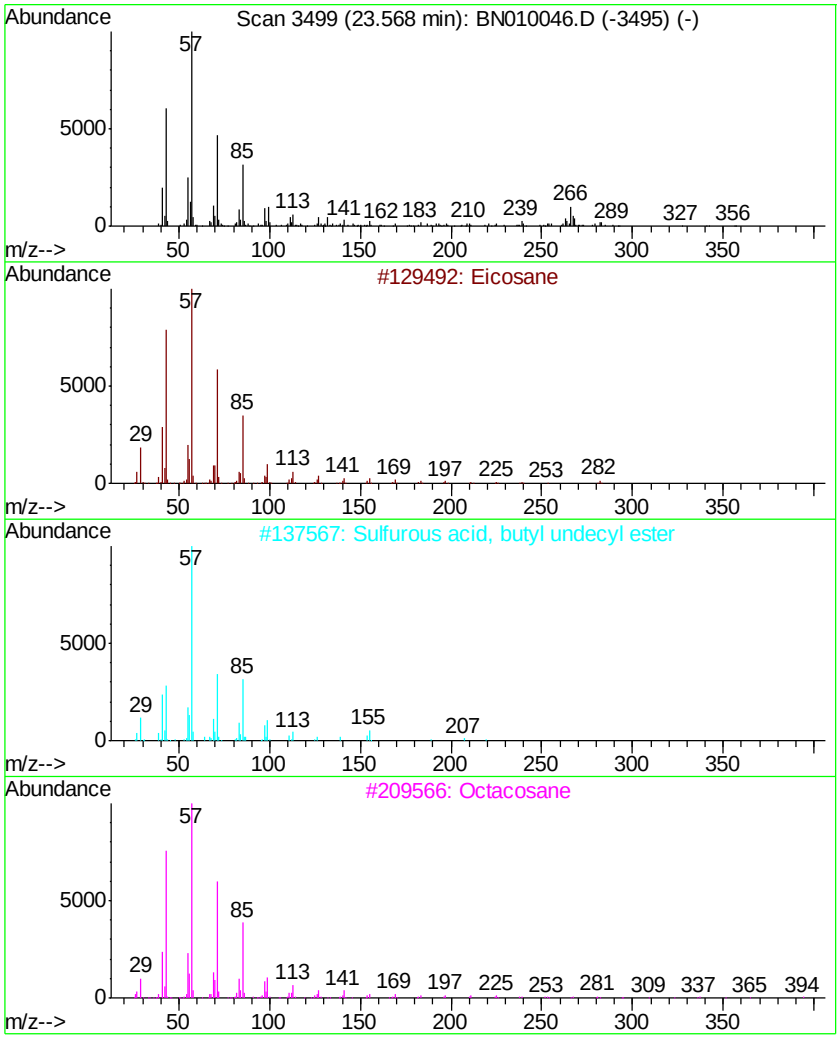
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

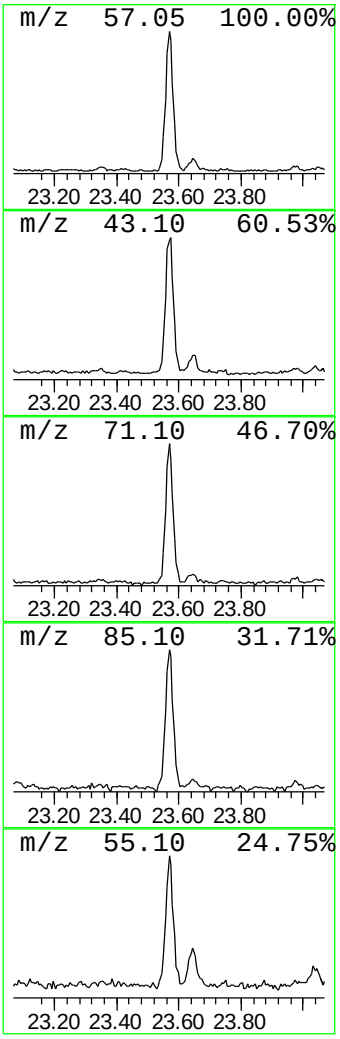
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.57	5.62 ng/ul	434943	Perylene-d12	23.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	72
3	Octacosane	394	C28H58	000630-02-4	70
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	70
5	Tetratetracontane	619	C44H90	007098-22-8	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010046.D
Acq On : 02 Mar 2020 18:49
Operator : CG/JU
Sample : L1619-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDT7

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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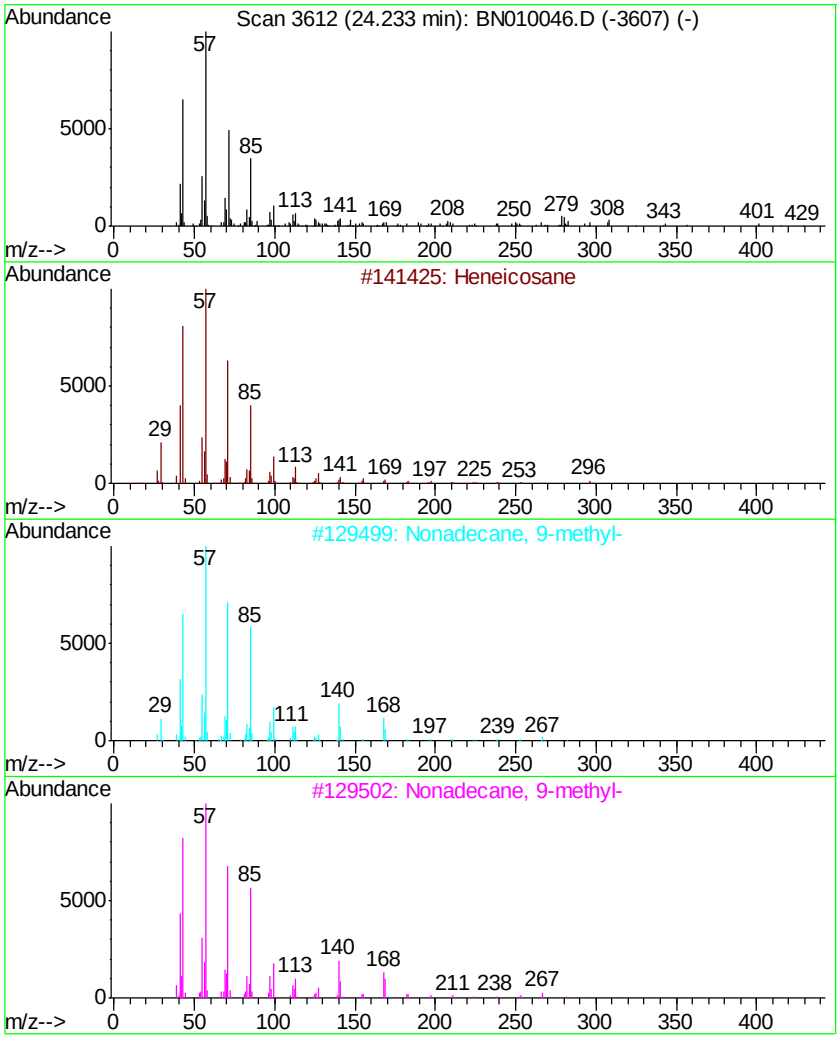
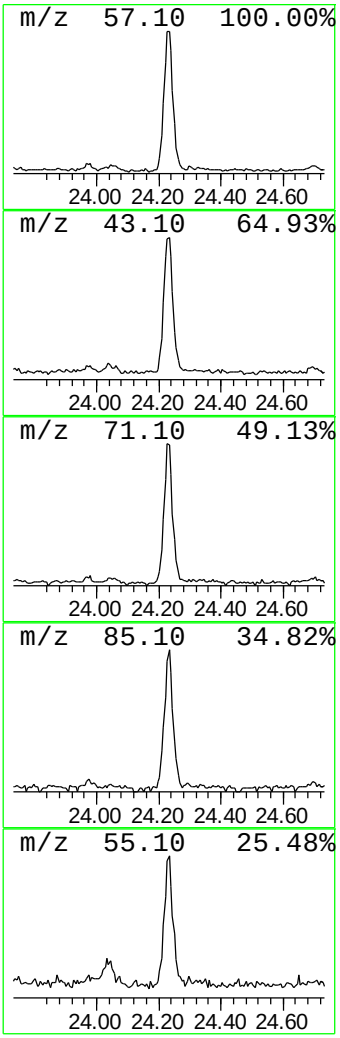
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	4.69 ng/ul	362902	Perylene-d12	23.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	83
5	Heptacosane	380	C27H56	000593-49-7	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030320\
Data File : BN010046.D
Acq On : 02 Mar 2020 18:49
Operator : CG/JU
Sample : L1619-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDT7

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-	7.90	3.0	ng/ul	91588	1	7.37	616920	20.0
1(2H)-Acenaphthyl...	15.76	2.6	ng/ul	190206	4	16.77	1446110	20.0
Indeno[2,1-a]inde...	17.18	2.1	ng/ul	149090	4	16.77	1446110	20.0
unknown-01	18.63	2.1	ng/ul	150808	4	16.77	1446110	20.0
Cyclopenta(def)ph...	18.72	29.5	ng/ul	2135560	4	16.77	1446110	20.0
Pyrene, 1-methyl-	19.54	2.9	ng/ul	625704	5	20.99	4251450	20.0
11H-Benzo[a]fluorene	19.68	6.5	ng/ul	1371210	5	20.99	4251450	20.0
Pyrene, 2-methyl-	19.87	3.2	ng/ul	671452	5	20.99	4251450	20.0
Pyrene, 4-methyl-	20.01	2.5	ng/ul	526585	5	20.99	4251450	20.0
11H-Benzo[a]fluor...	20.47	3.6	ng/ul	776509	5	20.99	4251450	20.0
Benzo[ghi]fluoran...	20.70	2.9	ng/ul	625993	5	20.99	4251450	20.0
7H-Benz[de]anthra...	20.77	3.3	ng/ul	694581	5	20.99	4251450	20.0
Cyclopenta(cd)pyr...	21.14	3.0	ng/ul	636883	5	20.99	4251450	20.0
Triphenylene, 2-m...	21.53	2.3	ng/ul	484273	5	20.99	4251450	20.0
9H-Fluorene, 9-(p...	22.24	4.6	ng/ul	357375	6	23.08	1548730	20.0
Benzo[e]pyrene	22.63	2.6	ng/ul	197985	6	23.08	1548730	20.0
(DEL) Alkane: Str...	23.57	5.6	ng/ul	434943	6	23.08	1548730	20.0
(DEL) Alkane: Str...	24.23	4.7	ng/ul	362902	6	23.08	1548730	20.0