LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001929.D
Acq On : 26 Feb 2020 18:02
Operator : CG/JU
Sample : L1543-19
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDA1

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_P\METHODS\SOM-EPA-BP021820MA.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	2.923	3	6	26	rVB	2577670	3750093	9.68%	1.817%
2	6.364	584	591	597	rBV	95155	144470	0.37%	0.070%
3	6.828	660	670	682	rBV	984642	1611349	4.16%	0.781%
4	6.987	690	697	710	rBV	843784	1295192	3.34%	0.628%
5	7.105	710	717	722	rBV	217891	344023	0.89%	0.167%
6	7.181	725	730	740	rVB	1061891	1728694	4.46%	0.838%
7	7.563	790	795	803	rVB	128716	199786	0.52%	0.097%
8	7.646	803	809	819	rBV	1204459	1950603	5.04%	0.945%
9	8.181	894	900	911	rBV	77463	131102	0.34%	0.064%
10	8.352	922	929	940	rBV	1215376	1901545	4.91%	0.921%
11	8.787	995	1003	1019	rBV	987150	1614066	4.17%	0.782%
12	9.510	1119	1126	1134	rBV	789671	1268829	3.28%	0.615%
13	10.046	1210	1217	1236	rBV	1440521	2379179	6.14%	1.153%
14	10.422	1273	1281	1287	rBV	1795911	3004381	7.76%	1.456%
15	10.469	1287	1289	1296	rVV	114567	154243	0.40%	0.075%
16	10.552	1296	1303	1324	rVV	966050	1705541	4.40%	0.826%
17	12.093	1558	1565	1576	rBV	329779	532840	1.38%	0.258%
18	13.034	1719	1725	1733	rBV2	82929	137233	0.35%	0.066%
19	13.116	1733	1739	1745	rVV	84519	137619	0.36%	0.067%
20	13.181	1745	1750	1759	rVB2	94165	176761	0.46%	0.086%
21	13.698	1832	1838	1843	rVV	2626662	3611320	9.33%	1.750%
22	13.745	1843	1846	1851	rVB	293121	373631	0.96%	0.181%
23	13.975	1878	1885	1896	rBV	2960170	4728529	12.21%	2.291%
24	14.287	1931	1938	1945	rBV	2837694	4252594	10.98%	2.060%
25	14.481	1965	1971	1982	rBV	929733	1405383	3.63%	0.681%
26	14.581	1982	1988	1993	rVV3	108142	152248	0.39%	0.074%
27	14.687	2000	2006	2017	rVB	532763	868908	2.24%	0.421%
28	15.281	2101	2107	2112	rVV	3979133	5840748	15.08%	2.830%
29	15.339	2112	2117	2122	rVV	1614714	2314617	5.98%	1.121%
30	15.398	2122	2127	2141	rVV	833897	1201538	3.10%	0.582%
31	15.592	2155	2160	2164	rVB	110932	156625	0.40%	0.076%
32	15.781	2189	2192	2200	rVB	76986	146934	0.38%	0.071%
33	16.851	2370	2374	2379	rVB	135044	188170	0.49%	0.091%
34	17.039	2399	2406	2409	rBV	3587288	5279529	13.63%	2.558%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001929.D
Acq On : 26 Feb 2020 18:02
Operator : CG/JU
Sample : L1543-19
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDA1

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_P\METHODS\SOM-EPA-BP021820MA.M
Title : SVOA CALIBRATION

35	17.081	2409	2413	2418	rVV	3323394	4678024	12.08%	2.267%
36	17.145	2418	2424	2425	rVV2	3827273	6003665	15.50%	2.909%
37	17.186	2425	2431	2436	rVV	20673367	38727135	100.00%	18.763%
38	17.228	2436	2438	2446	rVB	105518	127968	0.33%	0.062%
39	17.316	2447	2453	2458	rBV	248693	354519	0.92%	0.172%
40	17.445	2465	2475	2481	rBV	6396068	9426127	24.34%	4.567%
41	17.957	2558	2562	2570	rBV	246950	367109	0.95%	0.178%
42	18.039	2570	2576	2582	rVV	1003297	1389410	3.59%	0.673%
43	18.104	2582	2587	2590	rVV2	120275	218675	0.56%	0.106%
44	18.133	2590	2592	2599	rVB3	142879	185280	0.48%	0.090%
45	18.204	2599	2604	2608	rBV	217197	402099	1.04%	0.195%
46	18.245	2608	2611	2615	rVV	350597	490282	1.27%	0.238%
47	18.286	2615	2618	2624	rVB	201006	268739	0.69%	0.130%
48	18.428	2638	2642	2648	rVB	397687	543813	1.40%	0.263%
49	18.763	2689	2699	2701	rBV9	117825	324673	0.84%	0.157%
50	18.798	2703	2705	2711	rVV3	140864	226130	0.58%	0.110%
51	18.851	2711	2714	2720	rVB3	100149	193035	0.50%	0.094%
52	18.933	2724	2728	2732	rBV	136421	216268	0.56%	0.105%
53	19.057	2741	2749	2753	rBV	1422689	2020670	5.22%	0.979%
54	19.380	2799	2804	2807	rBV	6109917	8262996	21.34%	4.003%
55	19.586	2835	2839	2844	rBV	161302	250488	0.65%	0.121%
56	19.639	2844	2848	2853	rVB	240917	375847	0.97%	0.182%
57	19.739	2858	2865	2869	rBV3	237593	533027	1.38%	0.258%
58	19.875	2881	2888	2889	rBV3	376368	700163	1.81%	0.339%
59	19.992	2904	2908	2911	rVB	334639	377691	0.98%	0.183%
60	20.045	2911	2917	2921	rBV3	306188	537741	1.39%	0.261%
61	20.186	2936	2941	2944	rBV	326165	457338	1.18%	0.222%
62	20.227	2944	2948	2954	rVV3	142597	297787	0.77%	0.144%
63	20.433	2980	2983	2987	rBV4	145395	226511	0.58%	0.110%
64	20.539	2998	3001	3004	rBV4	116969	132140	0.34%	0.064%
65	20.580	3005	3008	3012	rVV2	100679	155264	0.40%	0.075%
66	20.622	3012	3015	3022	rVB2	269673	466630	1.20%	0.226%
67	20.786	3037	3043	3046	rBV2	370638	585847	1.51%	0.284%
68	20.822	3046	3049	3052	rBV2	290933	305281	0.79%	0.148%
69	20.869	3052	3057	3062	rBV2	809595	1673730	4.32%	0.811%
70	21.133	3091	3102	3105	rBV2	5192073	10156062	26.22%	4.921%
71	21.169	3105	3108	3115	rVV	2957703	4034869	10.42%	1.955%

LSC Area Percent Report

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Acq On : 26 Feb 2020 18:02
Operator : CG/JU
Sample : L1543-19
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDA1

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_P\METHODS\SOM-EPA-BP021820MA.M
Title : SVOA CALIBRATION

72	21.245	3118	3121	3125	rVV2	215316	244857	0.63%	0.119%
73	21.304	3125	3131	3136	rVV5	305231	567537	1.47%	0.275%
74	21.386	3141	3145	3149	rVV	1140884	1507867	3.89%	0.731%
75	21.433	3149	3153	3158	rVV	340172	546217	1.41%	0.265%
76	21.486	3159	3162	3170	rVB4	228434	404875	1.05%	0.196%
77	21.627	3182	3186	3188	rBV	155115	230866	0.60%	0.112%
78	21.674	3188	3194	3198	rVV	505778	871140	2.25%	0.422%
79	21.739	3199	3205	3210	rVB4	413642	812153	2.10%	0.393%
80	21.798	3212	3215	3222	rVB	243694	364951	0.94%	0.177%
81	21.869	3223	3227	3230	rBV2	265460	390846	1.01%	0.189%
82	21.974	3241	3245	3252	rVB	232293	361306	0.93%	0.175%
83	22.133	3270	3272	3277	rVV	102424	123331	0.32%	0.060%
84	22.204	3281	3284	3289	rVB	429837	565362	1.46%	0.274%
85	22.433	3315	3323	3334	rVB3	349062	1146416	2.96%	0.555%
86	22.545	3337	3342	3347	rVB2	463849	753843	1.95%	0.365%
87	22.686	3358	3366	3382	rBV	4310755	13391397	34.58%	6.488%
88	22.798	3382	3385	3389	rVV	205870	296731	0.77%	0.144%
89	22.851	3389	3394	3400	rVB	520424	830316	2.14%	0.402%
90	22.986	3412	3417	3427	rBV	265955	674363	1.74%	0.327%
91	23.157	3440	3446	3450	rBV	2004155	3894246	10.06%	1.887%
92	23.210	3450	3455	3459	rVV	3714067	6968271	17.99%	3.376%
93	23.251	3459	3462	3471	rVV2	1433170	2853439	7.37%	1.382%
94	23.345	3471	3478	3483	rVV	2975944	5580627	14.41%	2.704%
95	23.392	3483	3486	3495	rVB2	538465	1099290	2.84%	0.533%
96	23.933	3573	3578	3585	rVB	526378	1024913	2.65%	0.497%
97	24.686	3701	3706	3712	rBV	246150	498623	1.29%	0.242%
98	25.568	3848	3856	3870	rVB2	1107074	3398000	8.77%	1.646%
99	25.892	3897	3911	3925	rVB	1693755	5550867	14.33%	2.689%
100	26.251	3965	3972	3981	rVB	417416	1064529	2.75%	0.516%

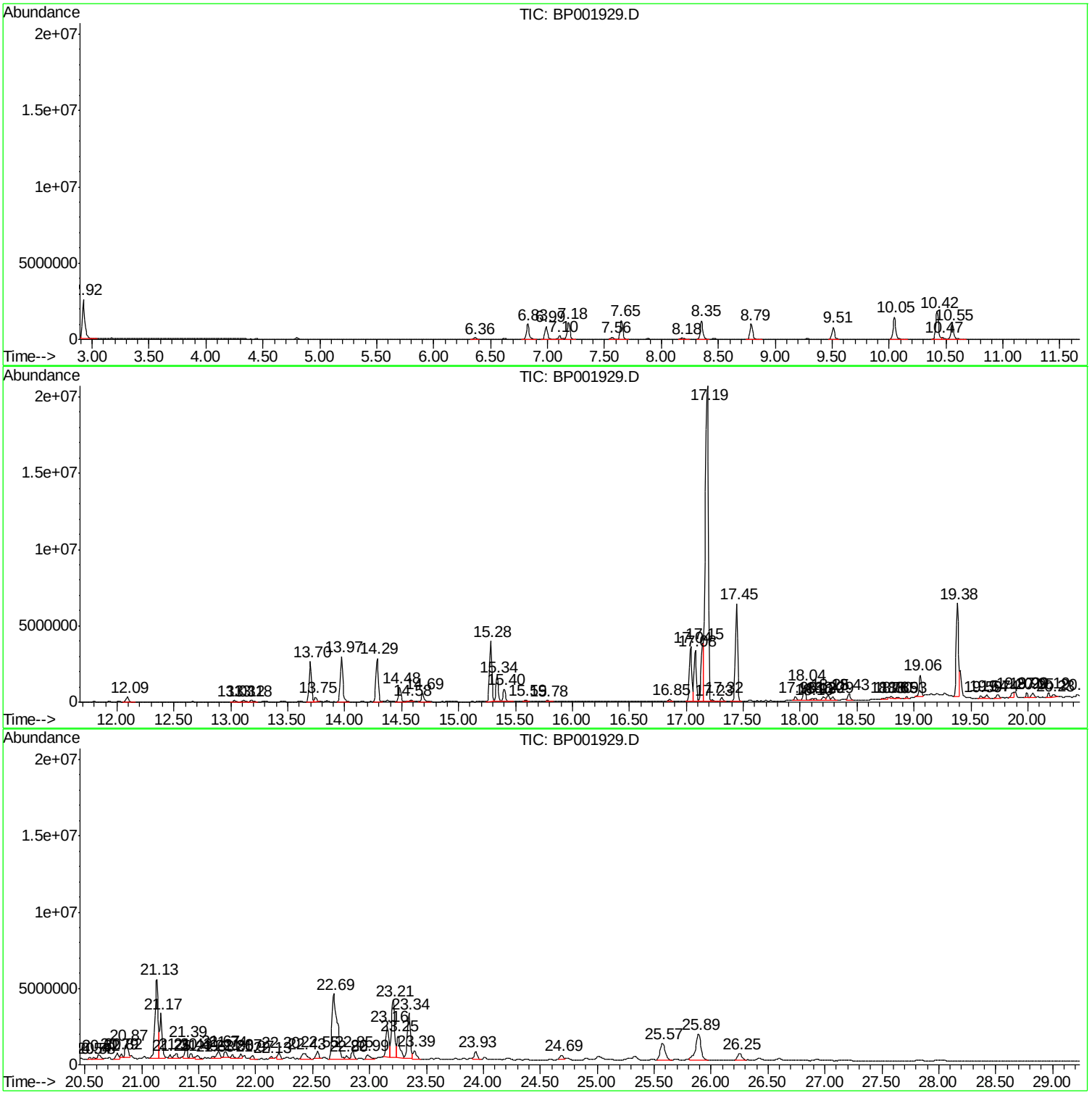
Sum of corrected areas: 206398535

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001929.D
Acq On : 26 Feb 2020 18:02
Operator : CG/JU
Sample : L1543-19
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBDA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001929.D
Acq On : 26 Feb 2020 18:02
Operator : CG/JU
Sample : L1543-19
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

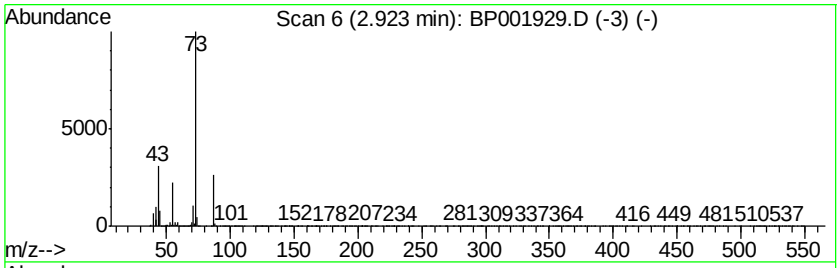
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

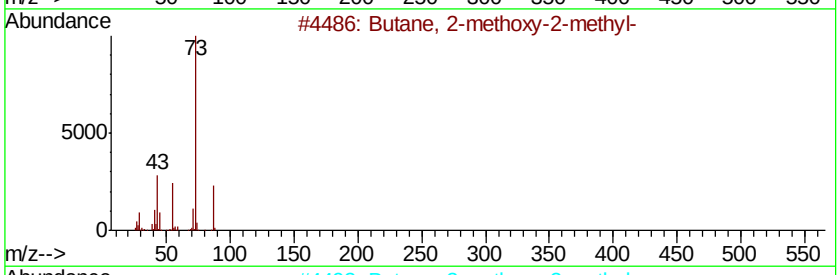
****

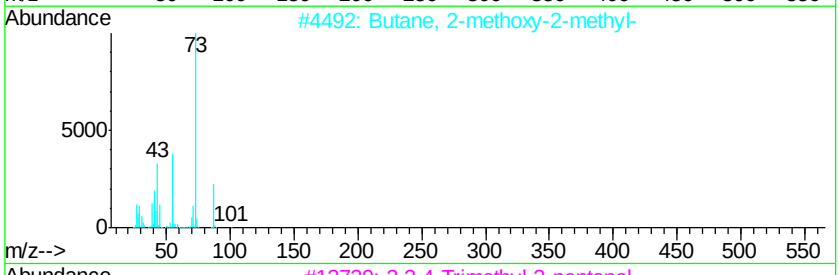
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

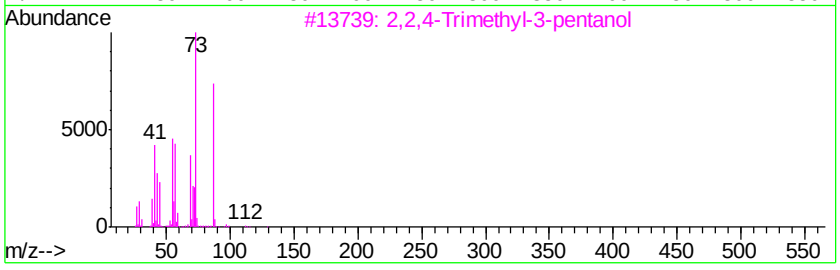
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	38.45 ng/ul	3750090	1,4-Dichlorobenzene-d4	7.65

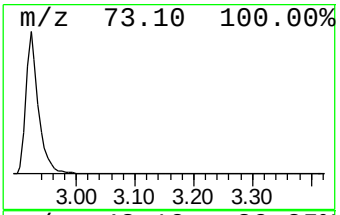
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9

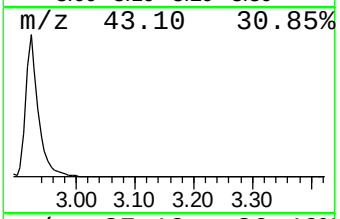


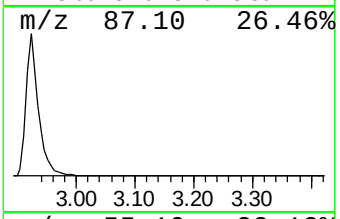


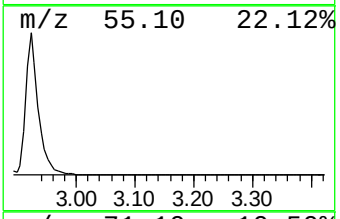


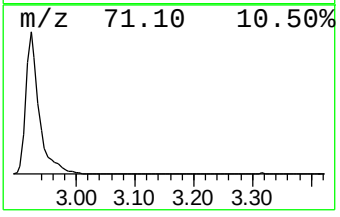












Library Search Compound Report

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Data File : BP001929.D
Acq On : 26 Feb 2020 18:02
Operator : CG/JU
Sample : L1543-19
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

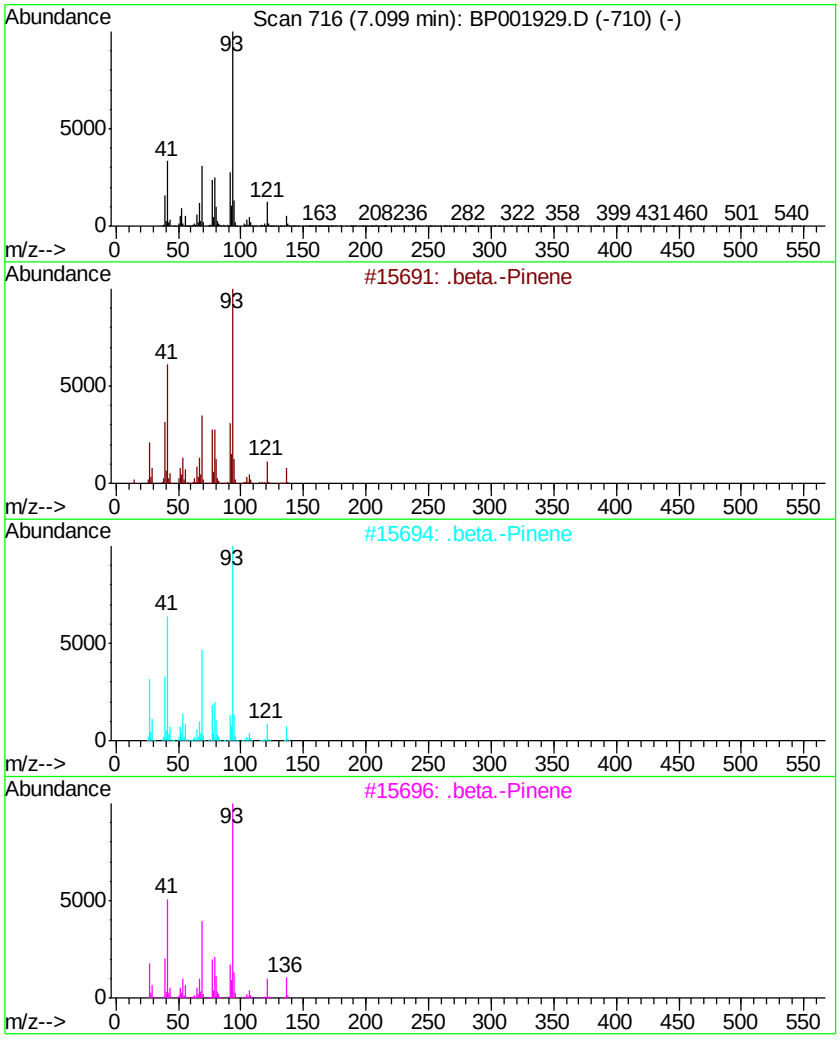
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

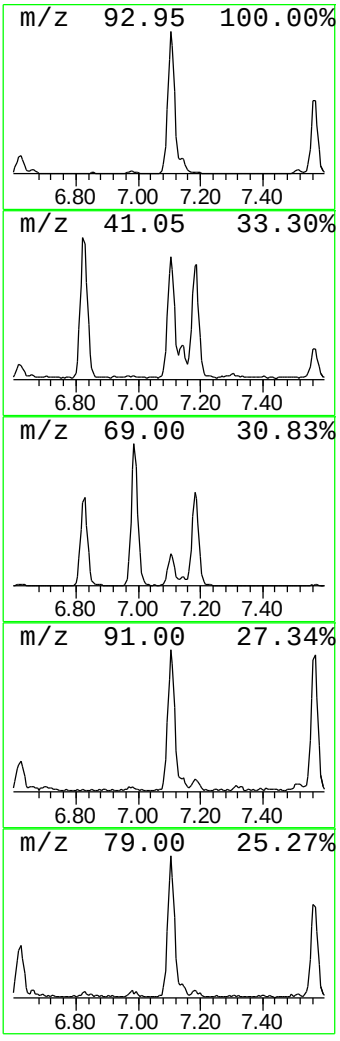
****

Peak Number 2 .beta.-Pinene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	3.53 ng/ul	344023	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	93
2	.beta.-Pinene	136	C10H16	000127-91-3	91
3	.beta.-Pinene	136	C10H16	000127-91-3	91
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001929.D
Acq On : 26 Feb 2020 18:02
Operator : CG/JU
Sample : L1543-19
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

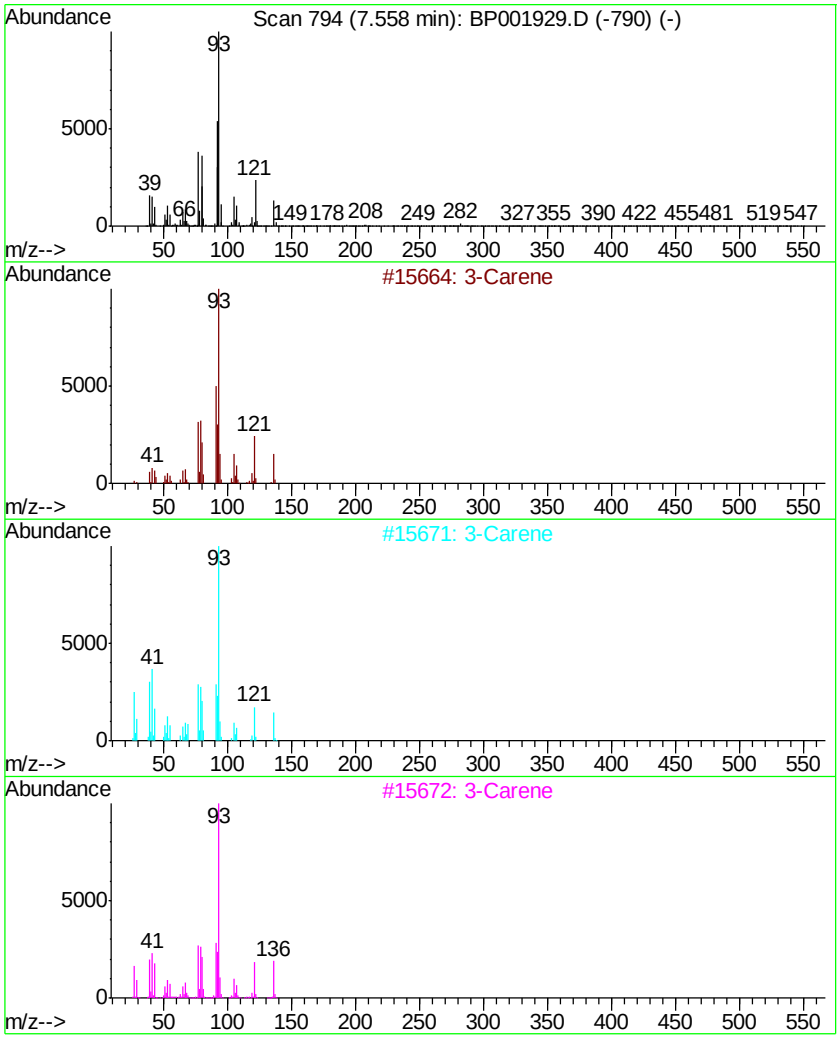
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

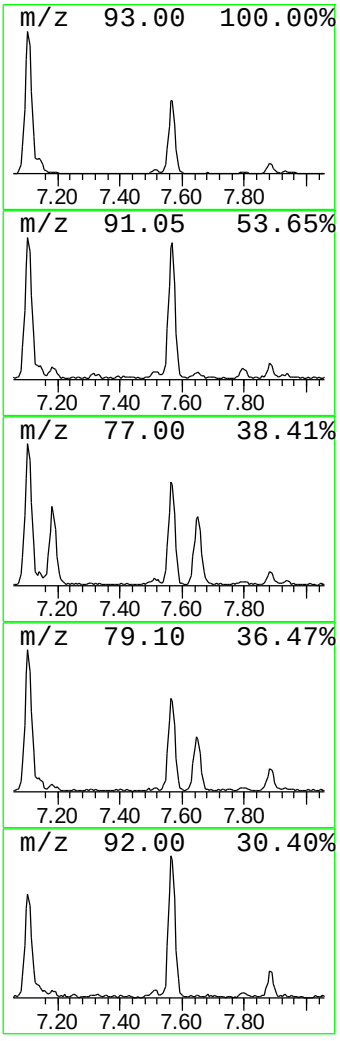
****

Peak Number 3 3-Carene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	2.05 ng/ul	199786	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Carene	136	C10H16	013466-78-9	96
2	3-Carene	136	C10H16	013466-78-9	95
3	3-Carene	136	C10H16	013466-78-9	94
4	Cyclopropane, 1,1-dimethyl-2-(3-...	136	C10H16	068998-21-0	91
5	(+)-4-Carene	136	C10H16	029050-33-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001929.D
Acq On : 26 Feb 2020 18:02
Operator : CG/JU
Sample : L1543-19
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

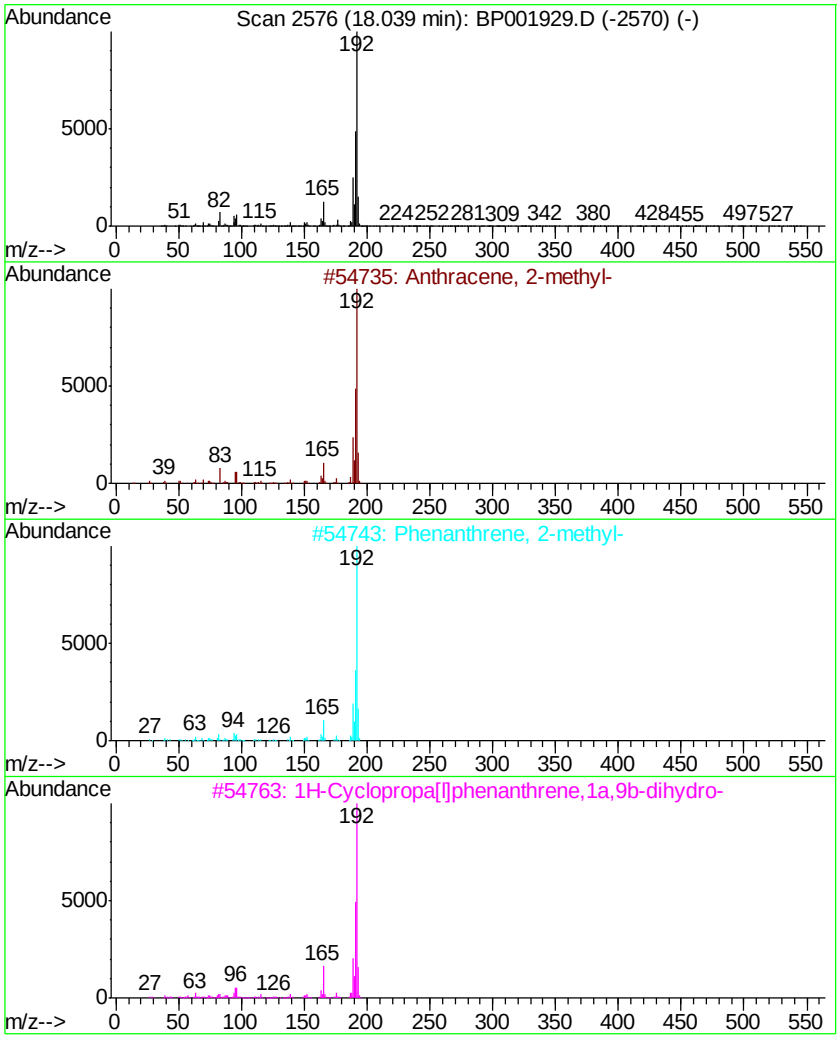
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

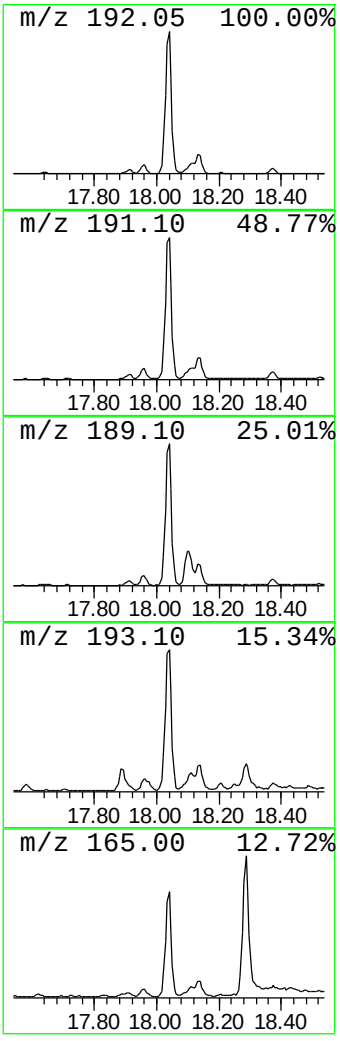
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	5.26 ng/ul	1389410	Phenanthrene-d10	17.04

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





Library Search Compound Report

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Data File : BP001929.D
Acq On : 26 Feb 2020 18:02
Operator : CG/JU
Sample : L1543-19
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

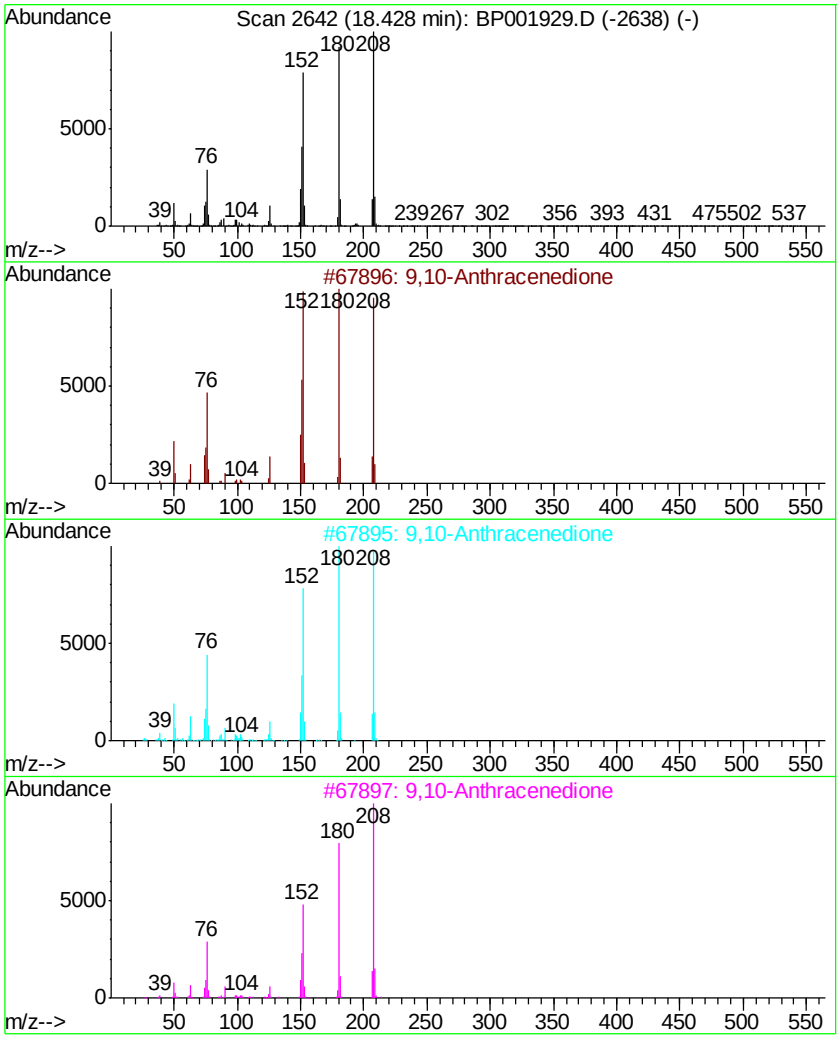
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

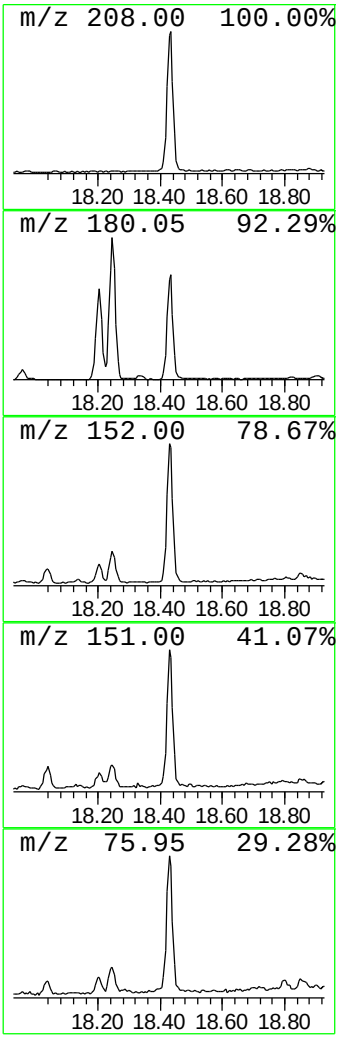
****

Peak Number 5 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.06 ng/ul	543813	Phenanthrene-d10	17.04

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	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





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Acq On : 26 Feb 2020 18:02
Operator : CG/JU
Sample : L1543-19
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDA1

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Quant Title : SVOA CALIBRATION

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

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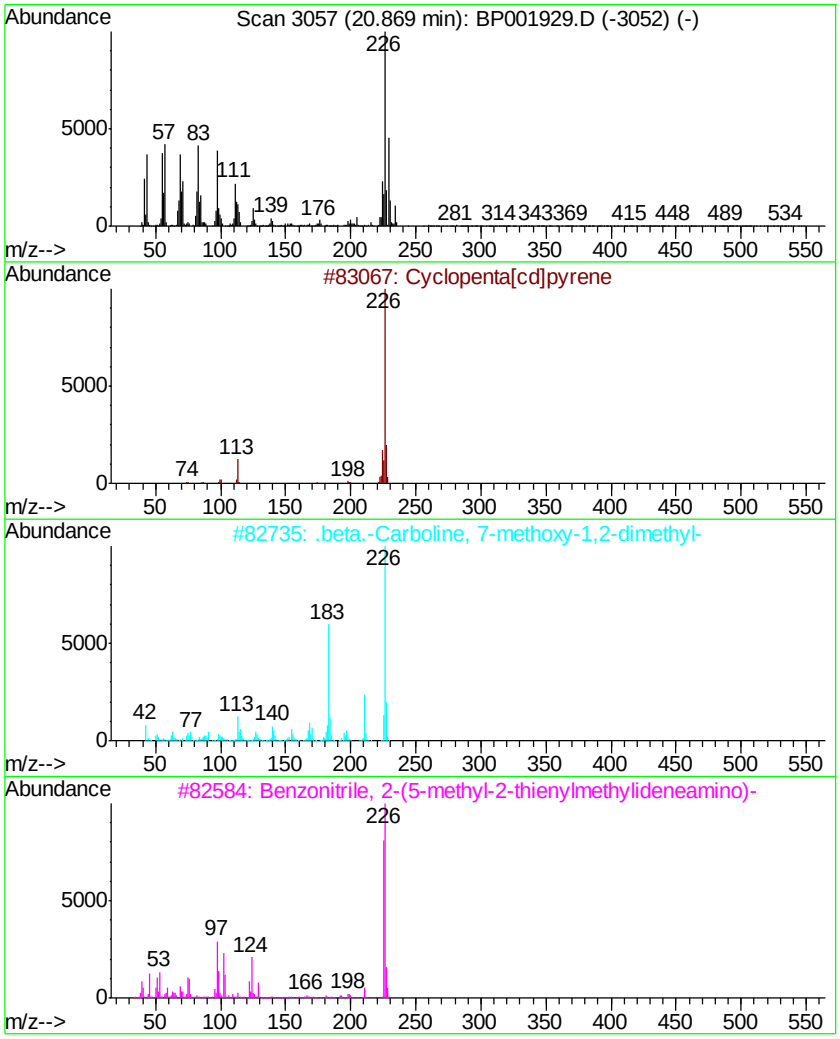
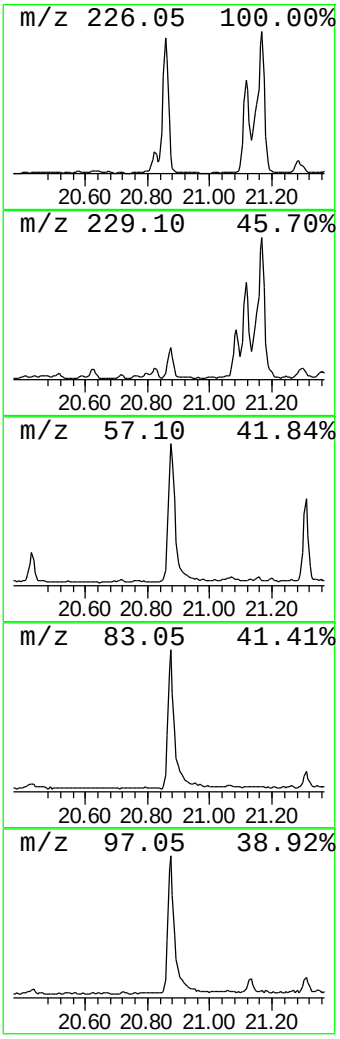
Peak Number 6 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	3.30 ng/ul	1673730	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	30
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	22
3	Benzonitrile, 2-(5-methyl-2-thie...	226	C13H10N2S	315670-19-0	17
4	2-Phenyl-4,5-methylenedioxybenza...	226	C14H10O3	004432-95-5	14
5	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	14





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Acq On : 26 Feb 2020 18:02
Operator : CG/JU
Sample : L1543-19
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDA1

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Quant Title : SVOA CALIBRATION

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

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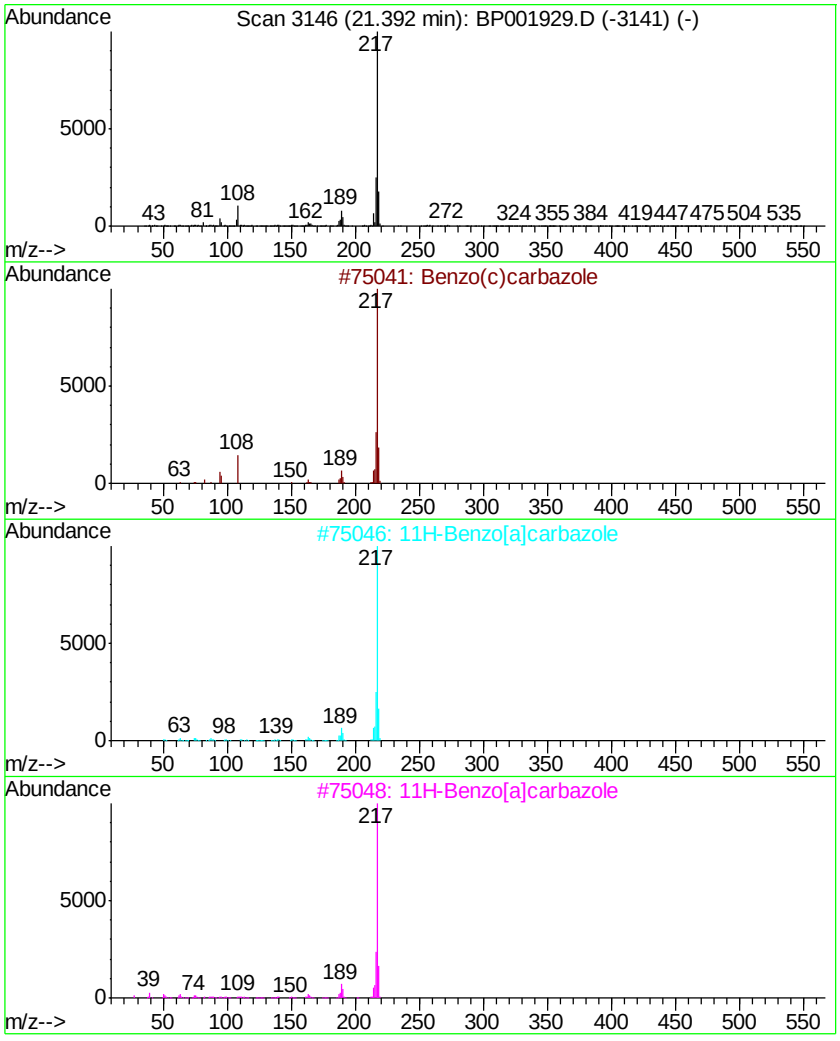
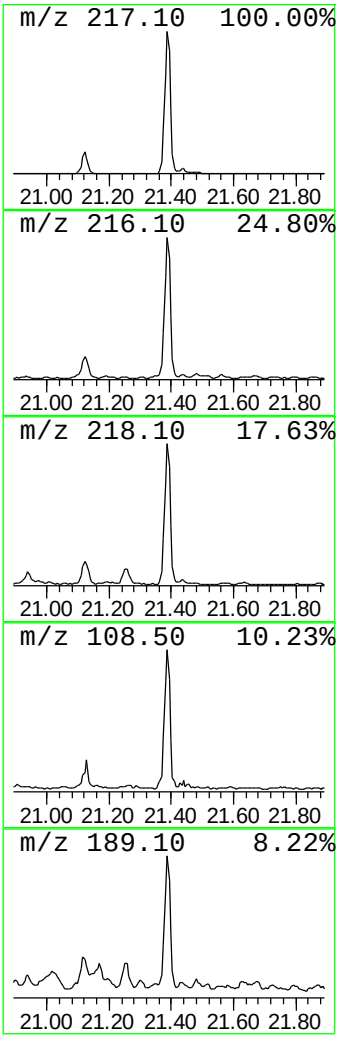
Peak Number 7 Benzo(c)carbazole Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	2.97 ng/ul	1507870	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(c)carbazole	217	C16H11N	034777-33-8	95
2	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	91
3	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	91
4	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	90
5	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	90





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Data File : BP001929.D
Acq On : 26 Feb 2020 18:02
Operator : CG/JU
Sample : L1543-19
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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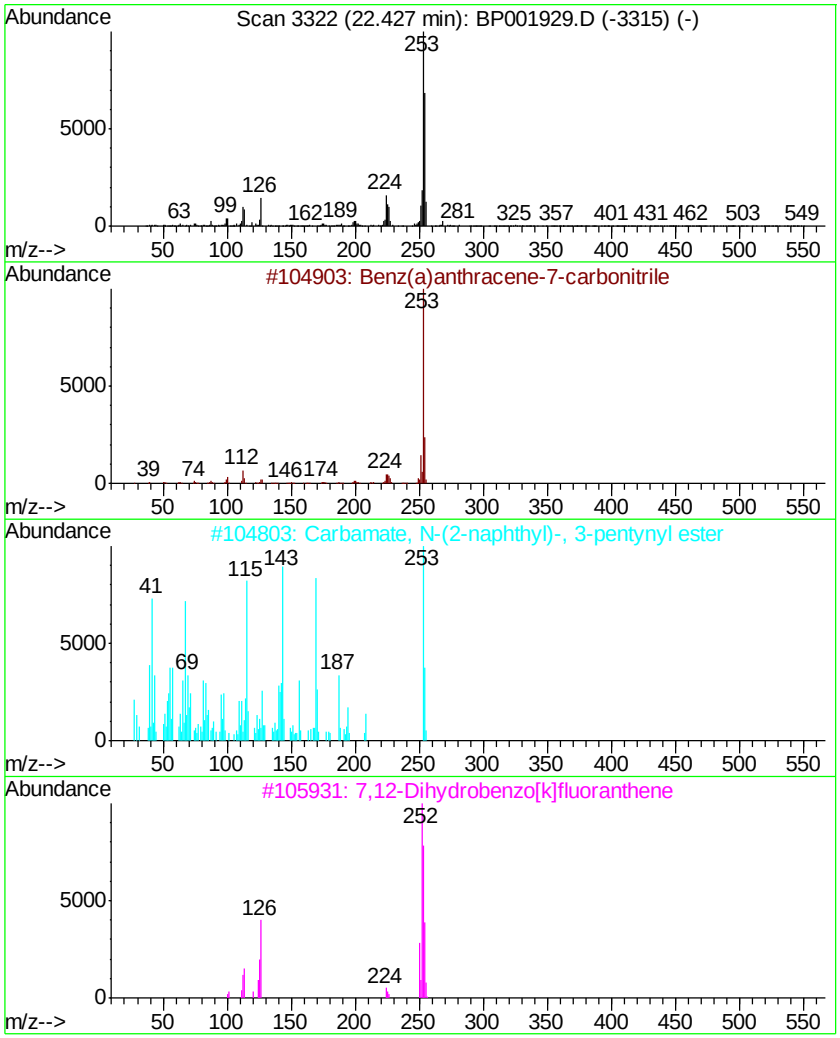
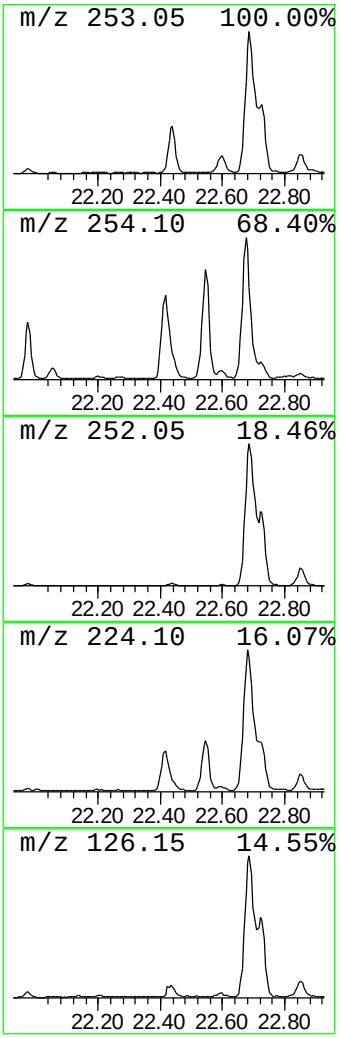
Peak Number 8 Benz(a)anthracene-7-carboni... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	4.11 ng/ul	1146420	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	94
2	Carbamate, N-(2-naphthyl)-, 3-pe...	253	C16H15NO2	1000197-96-0	50
3	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	45
4	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	37
5	2(1H)-Quinolinone, 3-hydroxy-4-(...	253	C15H11NO3	014484-44-7	36





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Acq On : 26 Feb 2020 18:02
Operator : CG/JU
Sample : L1543-19
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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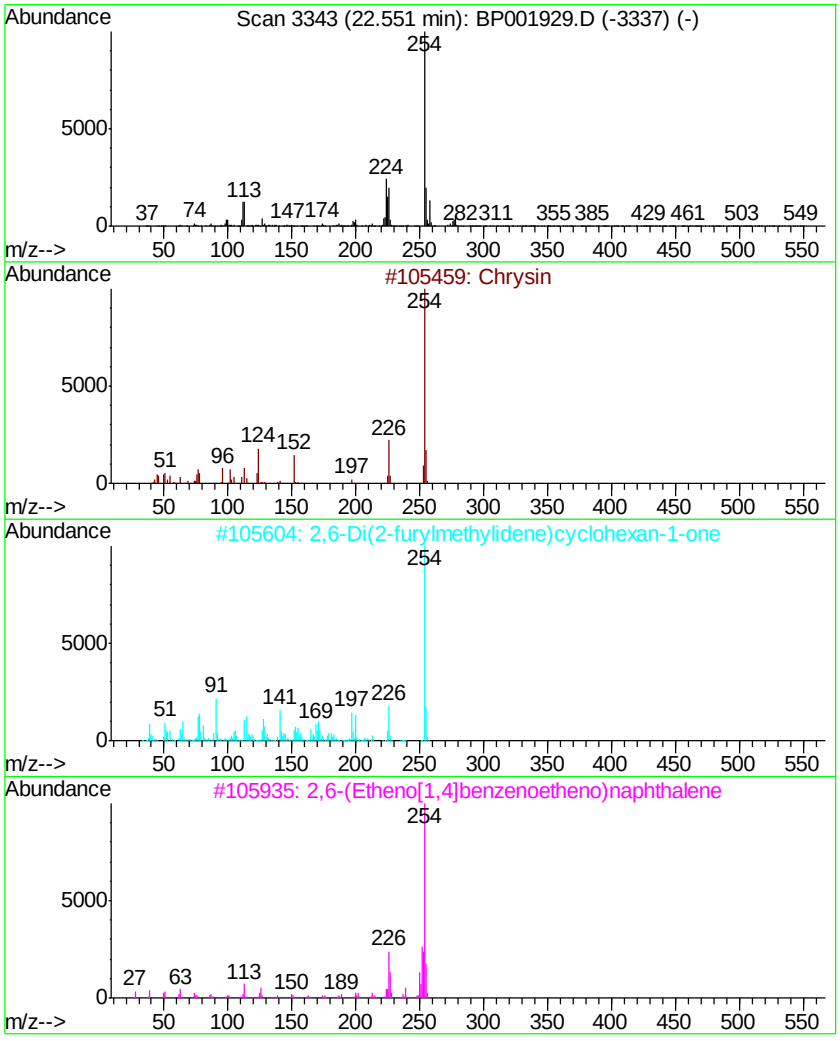
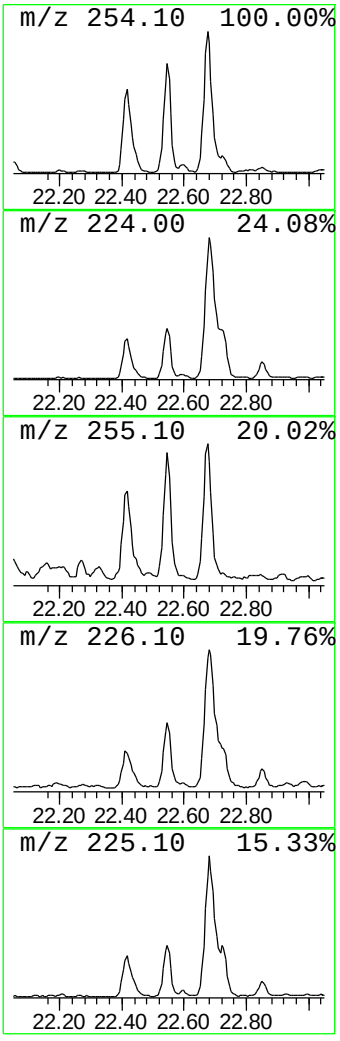
Peak Number 9 Chrysin Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	2.70 ng/ul	753843	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysin	254	C15H10O4	000480-40-0	58
2	2,6-Di(2-furylmethylidene)cycloh...	254	C16H14O3	000893-00-5	53
3	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	53
4	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	47
5	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	47





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Acq On : 26 Feb 2020 18:02
Operator : CG/JU
Sample : L1543-19
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDA1

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Quant Title : SVOA CALIBRATION

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

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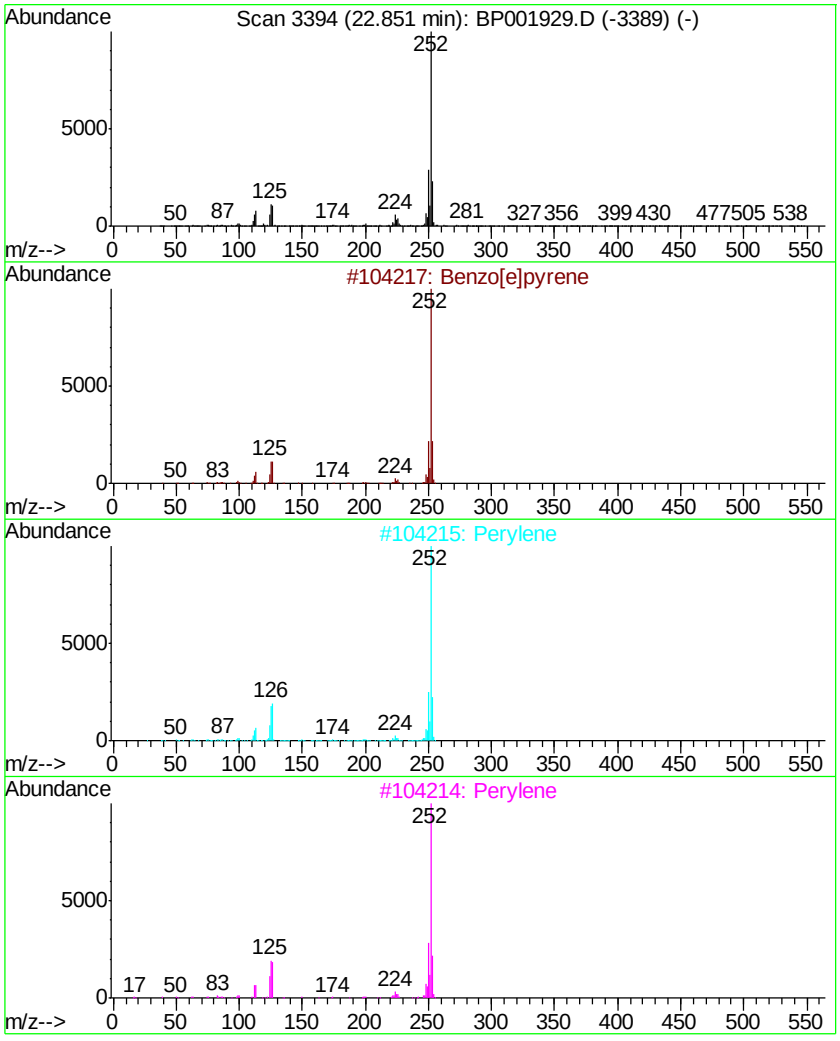
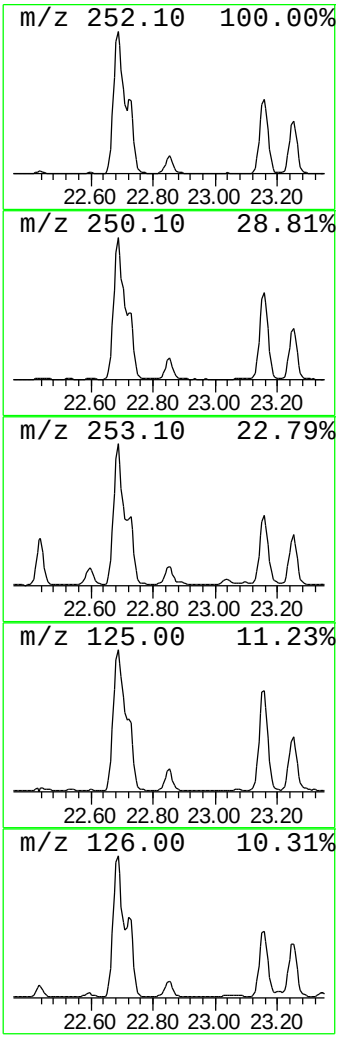
Peak Number 10 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	2.98 ng/ul	830316	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Perylene	252	C20H12	000198-55-0	94
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91





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Operator : CG/JU
Sample : L1543-19
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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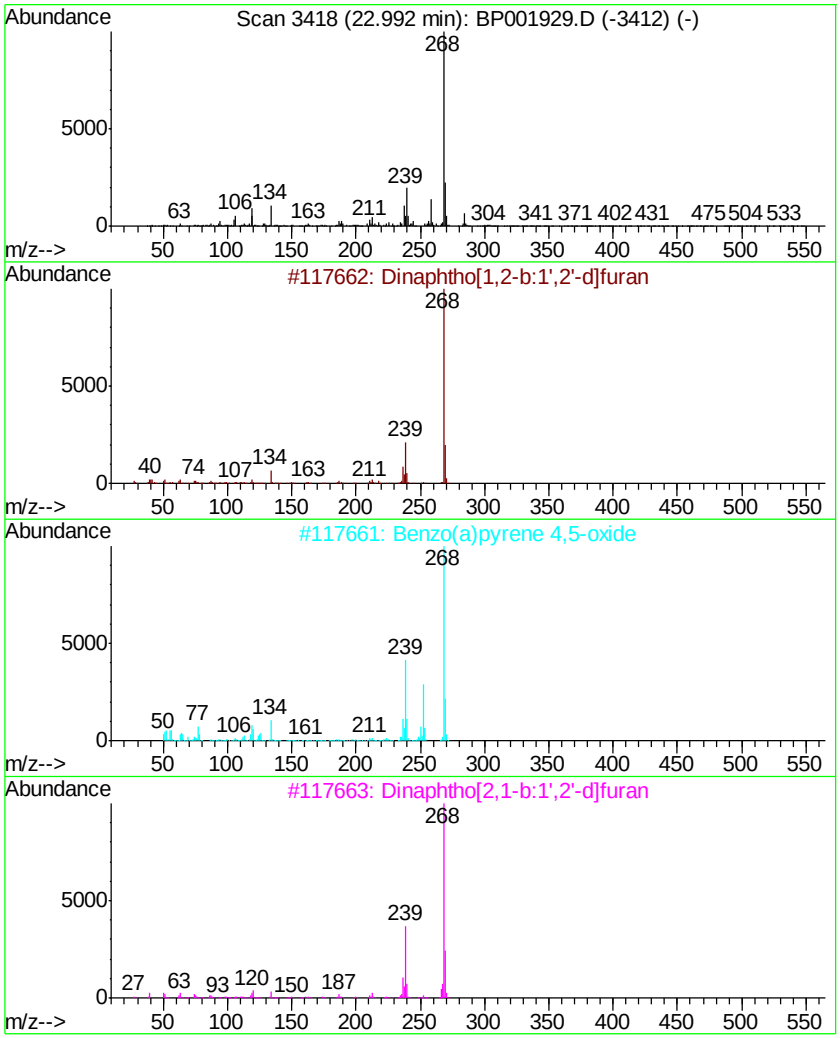
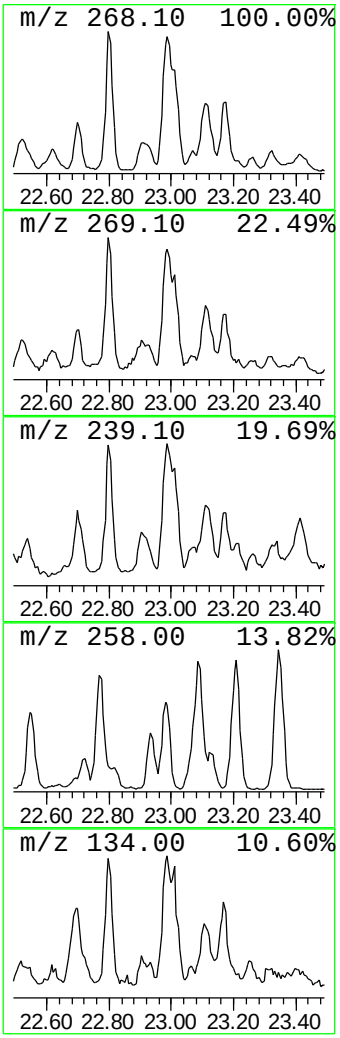
Peak Number 11 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	2.42 ng/ul	674363	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	94
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	72
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	64
4	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	53
5	9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	53





Library Search Compound Report

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Operator : CG/JU
Sample : L1543-19
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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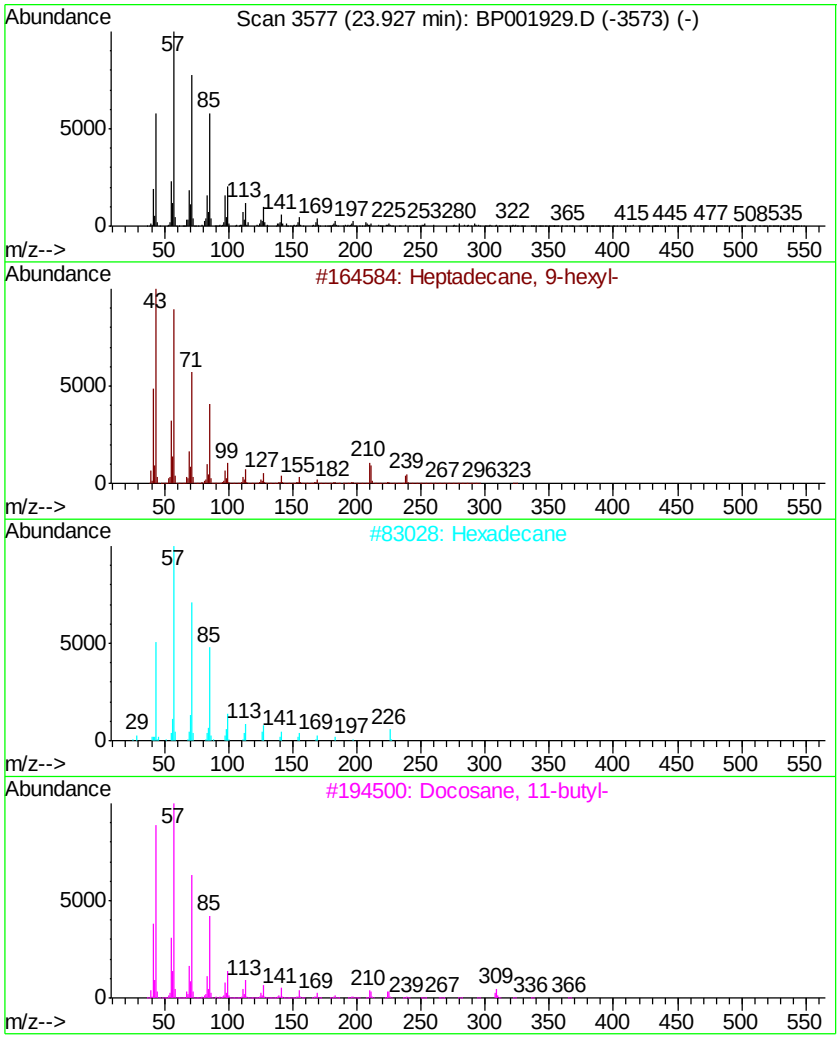
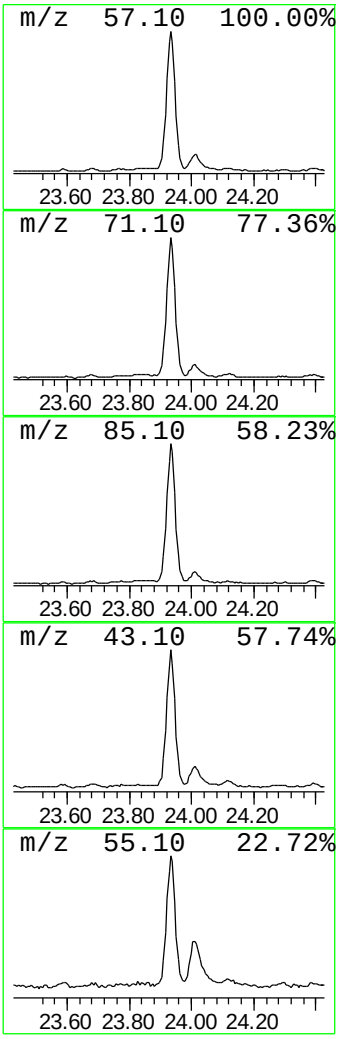
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	3.67 ng/ul	1024910	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	97
2	Hexadecane	226	C16H34	000544-76-3	93
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Library Search Compound Report

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Instrument : BNA_P
ClientSampleId : DBDA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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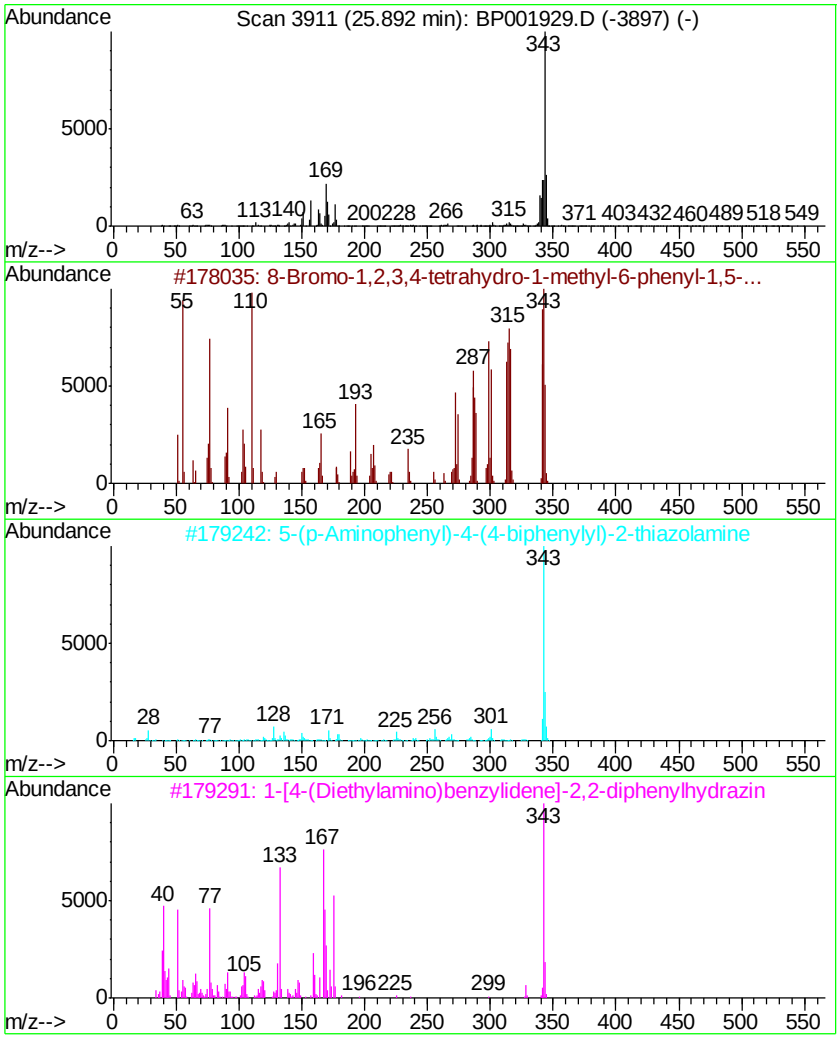
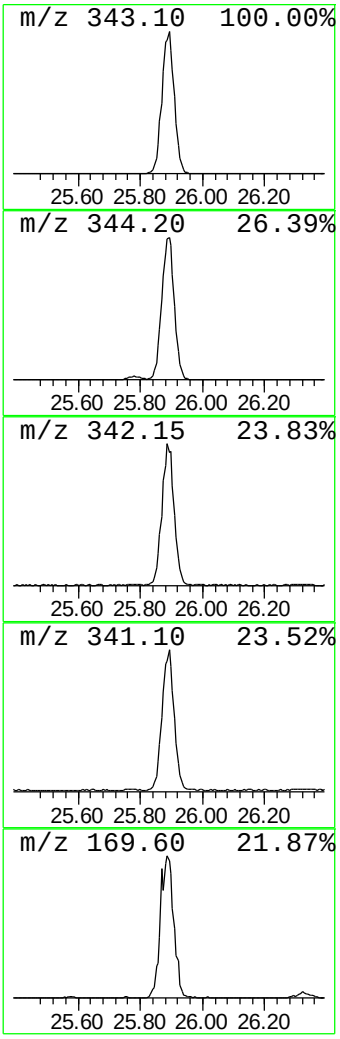
Peak Number 14 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.89	19.89 ng/ul	5550870	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Bromo-1,2,3,4-tetrahydro-1-met...	342	C17H15BrN2O	063563-58-6	38
2	5-(p-Aminophenyl)-4-(4-biphenylyl...	343	C21H17N3S	094863-57-7	38
3	1-[4-(Diethylamino)benzylidene]-...	343	C23H25N3	1000223-73-1	32
4	Benzoic acid, 4-(3,4,5-trimethox...	343	C19H21NO5	304683-21-4	25
5	4-(4-Amino-6-piperidin-1-yl-[1,3...	343	C17H21N5O3	1000276-02-9	25





Tentatively Identified Compound (LSC) summary

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Data File : BP001929.D
Acq On : 26 Feb 2020 18:02
Operator : CG/JU
Sample : L1543-19
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.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
Butane, 2-methoxy...	2.92	38.5	ng/ul	3750090	1	7.65	1950600	20.0
.beta.-Pinene	7.10	3.5	ng/ul	344023	1	7.65	1950600	20.0
3-Carene	7.56	2.0	ng/ul	199786	1	7.65	1950600	20.0
Anthracene, 2-met...	18.04	5.3	ng/ul	1389410	4	17.04	5279530	20.0
9,10-Anthracenedione	18.43	2.1	ng/ul	543813	4	17.04	5279530	20.0
unknown-01	20.87	3.3	ng/ul	1673730	5	21.13	10156100	20.0
Benzo(c)carbazole	21.39	3.0	ng/ul	1507870	5	21.13	10156100	20.0
Benz(a)anthracene...	22.43	4.1	ng/ul	1146420	6	23.34	5580630	20.0
Chrysin	22.55	2.7	ng/ul	753843	6	23.34	5580630	20.0
Benzo[e]pyrene	22.85	3.0	ng/ul	830316	6	23.34	5580630	20.0
Dinaphtho[1,2-b:1...	22.99	2.4	ng/ul	674363	6	23.34	5580630	20.0
(DEL) Alkane: Str...	23.93	3.7	ng/ul	1024910	6	23.34	5580630	20.0
unknown-02	25.89	19.9	ng/ul	5550870	6	23.34	5580630	20.0