LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002712.D
Acq On : 09 Jul 2020 23:37
Operator : CG/JU
Sample : L3217-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E3-41-VAT

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BP062920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.146	40	44	55	rBV	113995	181385	2.44%	0.148%
2	5.193	386	392	413	rBV	1551906	2546342	34.21%	2.081%
3	6.769	652	660	676	rBV	1824510	3293899	44.25%	2.691%
4	7.181	725	730	742	rBV	57249	115186	1.55%	0.094%
5	7.563	789	795	805	rBV	322082	528035	7.09%	0.431%
6	7.881	841	849	862	rBV	1372330	2242756	30.13%	1.833%
7	8.710	983	990	1004	rBV	1149845	1981063	26.62%	1.619%
8	10.340	1258	1267	1280	rBV	484939	873401	11.73%	0.714%
9	12.028	1546	1554	1567	rBV	55657	164494	2.21%	0.134%
10	12.828	1683	1690	1712	rBV	3050316	4927383	66.20%	4.026%
11	13.681	1829	1835	1842	rBV	503978	800547	10.76%	0.654%
12	14.216	1920	1926	1937	rBV	850599	1355322	18.21%	1.107%
13	14.681	2001	2005	2014	rVB	114357	202336	2.72%	0.165%
14	15.469	2133	2139	2151	rBV	1019481	1684121	22.63%	1.376%
15	15.716	2176	2181	2189	rVB	2770946	4169946	56.02%	3.407%
16	15.963	2217	2223	2227	rVB4	77024	161569	2.17%	0.132%
17	16.010	2227	2231	2235	rVV3	88462	181597	2.44%	0.148%
18	16.069	2236	2241	2248	rVV3	210392	469894	6.31%	0.384%
19	16.139	2248	2253	2259	rVB4	82765	171311	2.30%	0.140%
20	16.416	2295	2300	2306	rVV4	81376	139711	1.88%	0.114%
21	16.975	2389	2395	2400	rVV	1265701	1878927	25.24%	1.535%
22	17.045	2404	2407	2410	rVV	92135	135360	1.82%	0.111%
23	17.092	2412	2415	2417	rVV	91037	132830	1.78%	0.109%
24	17.275	2441	2446	2448	rBV2	350753	531791	7.14%	0.435%
25	17.310	2450	2452	2457	rVB	370462	456798	6.14%	0.373%
26	17.357	2457	2460	2465	rVB2	167791	283150	3.80%	0.231%
27	17.422	2465	2471	2476	rVB2	394540	721705	9.70%	0.590%
28	17.469	2476	2479	2484	rBV2	213660	313004	4.21%	0.256%
29	17.545	2484	2492	2494	rBV2	449700	917865	12.33%	0.750%
30	17.580	2494	2498	2501	rBV3	318610	462142	6.21%	0.378%
31	17.680	2511	2515	2518	rVB	499593	600394	8.07%	0.491%
32	17.727	2518	2523	2525	rBV2	516345	850254	11.42%	0.695%
33	17.757	2525	2528	2530	rBV	1159262	1531288	20.57%	1.251%
34	17.869	2542	2547	2550	rBV	1440498	2304026	30.96%	1.883%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002712.D
Acq On : 09 Jul 2020 23:37
Operator : CG/JU
Sample : L3217-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E3-41-VAT

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BP062920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.910	2552	2554	2563	rVV4	955132	1671199	22.45%	1.366%
36	17.986	2563	2567	2568	rVV2	689806	888760	11.94%	0.726%
37	18.010	2568	2571	2574	rVV	1397050	2164747	29.08%	1.769%
38	18.039	2574	2576	2581	rVV3	1173683	1771616	23.80%	1.448%
39	18.092	2583	2585	2593	rVB3	552031	881895	11.85%	0.721%
40	18.339	2624	2627	2635	rVV2	119458	234738	3.15%	0.192%
41	18.416	2637	2640	2644	rVB2	120315	162517	2.18%	0.133%
42	18.751	2691	2697	2700	rBV2	409004	800555	10.76%	0.654%
43	18.786	2700	2703	2705	rVV3	235938	302899	4.07%	0.248%
44	18.822	2705	2709	2712	rVV3	286420	465745	6.26%	0.381%
45	18.863	2713	2716	2723	rVV2	370681	634712	8.53%	0.519%
46	18.933	2725	2728	2732	rVB	619534	833450	11.20%	0.681%
47	18.974	2732	2735	2738	rBV	306625	417539	5.61%	0.341%
48	19.010	2738	2741	2745	rBV	718273	890170	11.96%	0.727%
49	19.080	2745	2753	2756	rBV	1351988	2802683	37.65%	2.290%
50	19.151	2762	2765	2767	rBV2	483034	662825	8.91%	0.542%
51	19.198	2770	2773	2779	rVB5	829714	1563602	21.01%	1.278%
52	19.269	2782	2785	2787	rBV	474275	509933	6.85%	0.417%
53	19.298	2787	2790	2792	rBV2	1137759	1599093	21.48%	1.307%
54	19.374	2800	2803	2805	rBV	425085	537891	7.23%	0.440%
55	19.422	2805	2811	2817	rVV2	1912071	5060183	67.98%	4.135%
56	19.474	2817	2820	2824	rVB	1127923	1309530	17.59%	1.070%
57	19.522	2824	2828	2831	rBV	1616732	2301940	30.93%	1.881%
58	19.569	2831	2836	2840	rVB	5298684	7443142	100.00%	6.082%
59	19.610	2841	2843	2846	rVB	257838	215493	2.90%	0.176%
60	19.704	2854	2859	2866	rBV4	1113116	2727702	36.65%	2.229%
61	19.769	2867	2870	2874	rVB2	871670	1122591	15.08%	0.917%
62	19.810	2874	2877	2882	rVB	764424	891129	11.97%	0.728%
63	19.857	2882	2885	2886	rBV	253996	242127	3.25%	0.198%
64	19.892	2889	2891	2894	rVB2	361312	368943	4.96%	0.301%
65	19.963	2899	2903	2910	rVB	1147841	1607618	21.60%	1.314%
66	20.027	2911	2914	2922	rVB	462995	636018	8.55%	0.520%
67	20.186	2938	2941	2944	rBV3	274615	374776	5.04%	0.306%
68	20.251	2944	2952	2960	rVB2	772583	1786387	24.00%	1.460%
69	20.380	2971	2974	2977	rBV2	121626	170082	2.29%	0.139%
70	20.463	2984	2988	2991	rBV	334489	555973	7.47%	0.454%
71	20.527	2997	2999	3001	rBV	140162	157556	2.12%	0.129%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002712.D
Acq On : 09 Jul 2020 23:37
Operator : CG/JU
Sample : L3217-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E3-41-VAT

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BP062920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	20.657	3017	3021	3027	rVB4	205562	450222	6.05%	0.368%
73	20.821	3045	3049	3058	rVB	1178263	1761055	23.66%	1.439%
74	20.963	3069	3073	3077	rBV	601337	745473	10.02%	0.609%
75	21.016	3079	3082	3085	rBV	456382	493523	6.63%	0.403%
76	21.051	3085	3088	3091	rBV	2186465	2931376	39.38%	2.395%
77	21.080	3091	3093	3095	rBV	1002123	1037281	13.94%	0.848%
78	21.145	3101	3104	3107	rVB	675886	734426	9.87%	0.600%
79	21.180	3107	3110	3112	rBV	218660	216327	2.91%	0.177%
80	21.204	3112	3114	3115	rBV	578425	511093	6.87%	0.418%
81	21.274	3121	3126	3132	rVB	1513626	2119040	28.47%	1.731%
82	21.333	3133	3136	3143	rVV	644874	827634	11.12%	0.676%
83	21.427	3144	3152	3164	rVB	647443	1486818	19.98%	1.215%
84	21.645	3186	3189	3190	rBV2	180647	204678	2.75%	0.167%
85	21.839	3218	3222	3223	rBV2	185482	248909	3.34%	0.203%
86	22.145	3271	3274	3278	rVV2	187063	279653	3.76%	0.229%
87	22.192	3278	3282	3289	rVB2	609685	1124849	15.11%	0.919%
88	22.304	3295	3301	3305	rBV3	2378248	4226878	56.79%	3.454%
89	22.357	3305	3310	3317	rVB5	1202807	3030678	40.72%	2.476%
90	22.421	3317	3321	3325	rBV2	708642	905689	12.17%	0.740%
91	22.492	3329	3333	3335	rBV3	586090	905274	12.16%	0.740%
92	22.574	3343	3347	3354	rVB	1225996	2014006	27.06%	1.646%
93	22.651	3355	3360	3364	rBV2	707742	1494909	20.08%	1.222%
94	23.280	3460	3467	3479	rVB2	1741226	3373890	45.33%	2.757%
95	23.751	3542	3547	3556	rVB2	349593	705440	9.48%	0.576%
96	23.915	3566	3575	3580	rBV3	1345055	3728600	50.09%	3.047%
97	23.974	3581	3585	3589	rVV	403818	754314	10.13%	0.616%
98	24.080	3600	3603	3608	rBV2	224085	351867	4.73%	0.288%
99	24.298	3636	3640	3651	rVB	537563	1155316	15.52%	0.944%
100	26.233	3963	3969	3973	rBV2	169737	485549	6.52%	0.397%

Sum of corrected areas: 122382358

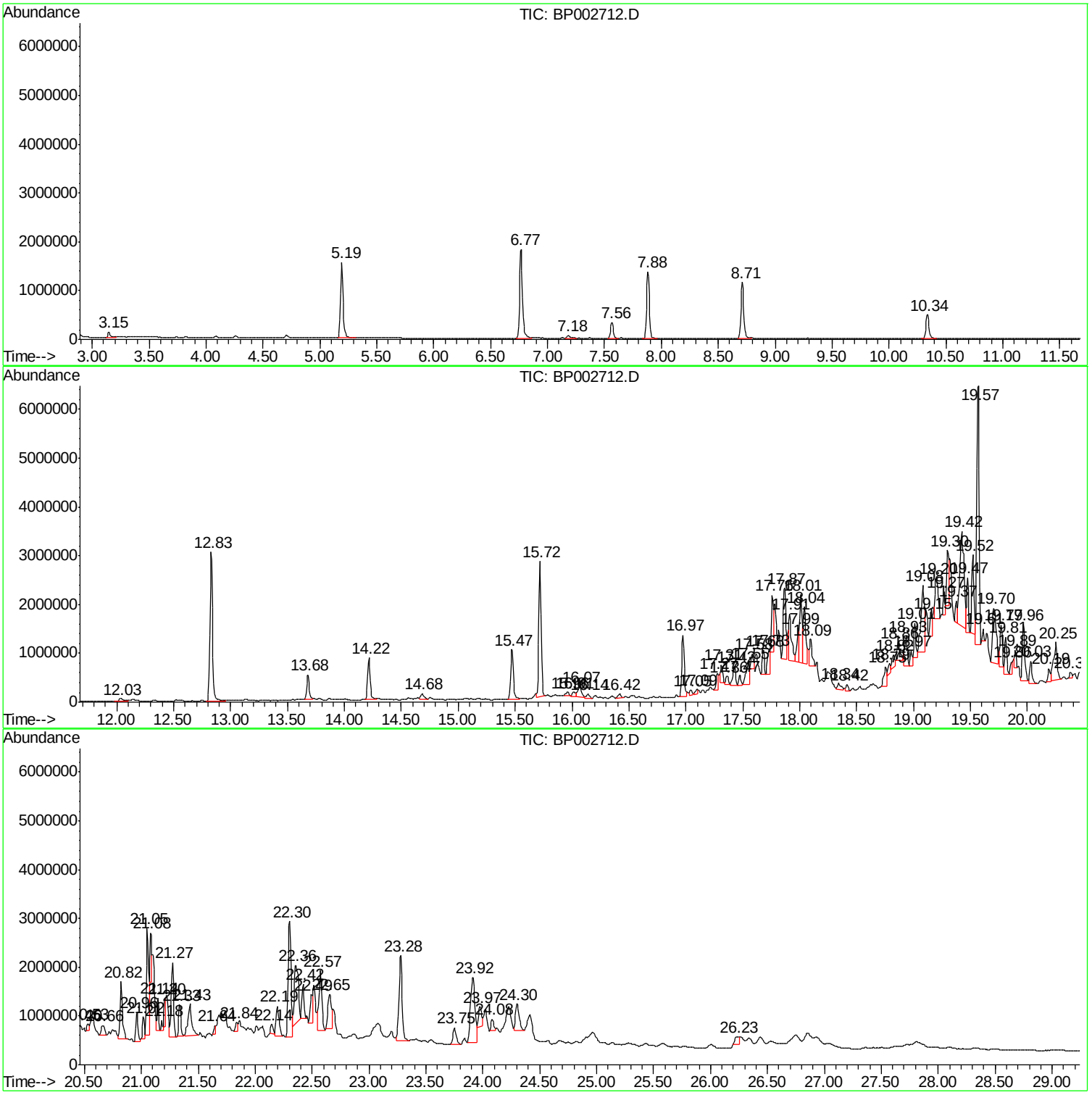
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002712.D
Acq On : 09 Jul 2020 23:37
Operator : CG/JU
Sample : L3217-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E3-41-VAT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002712.D
Acq On : 09 Jul 2020 23:37
Operator : CG/JU
Sample : L3217-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E3-41-VAT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

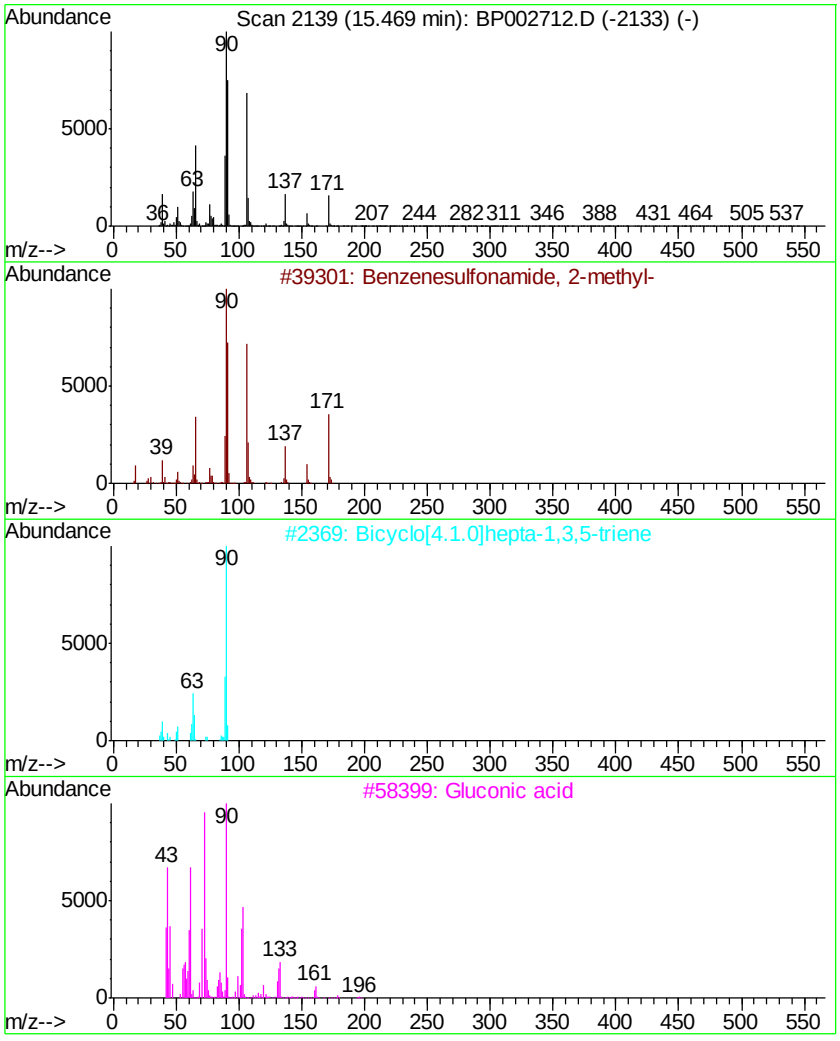
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

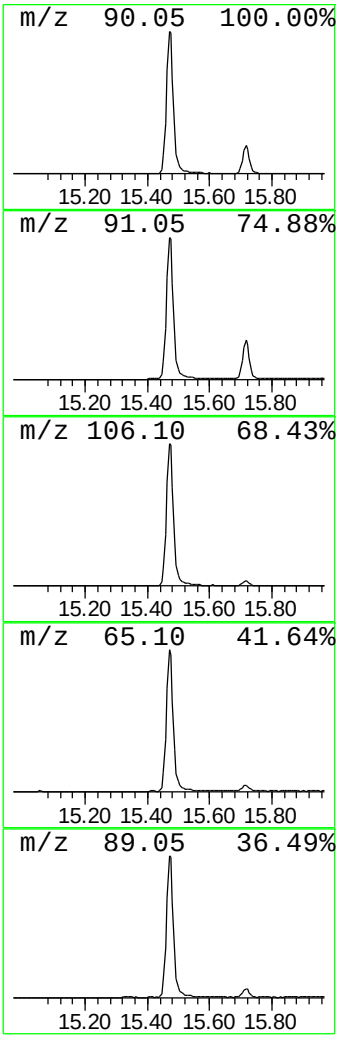
****

Peak Number 2 Benzenesulfonamide, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	24.85 ng	1684120	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 2-methyl-	171	C7H9NO2S	000088-19-7	95
2	Bicyclo[4.1.0]hepta-1,3,5-triene	90	C7H6	004646-69-9	46
3	Gluconic acid	196	C6H12O7	000526-95-4	38
4	4-(2-Aminoethyl)benzenesulfonamide	200	C8H12N2O2S	035303-76-5	28
5	3,5-Octadiyne	106	C8H10	016387-70-5	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002712.D
Acq On : 09 Jul 2020 23:37
Operator : CG/JU
Sample : L3217-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E3-41-VAT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

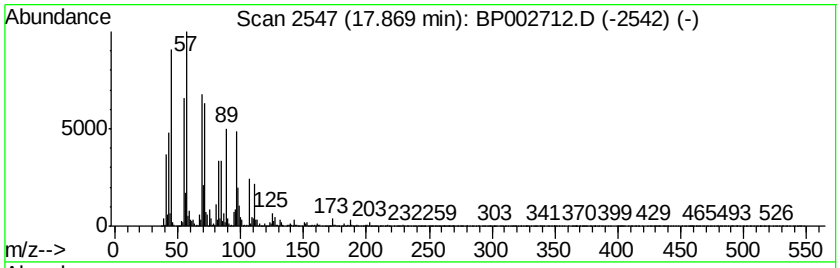
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

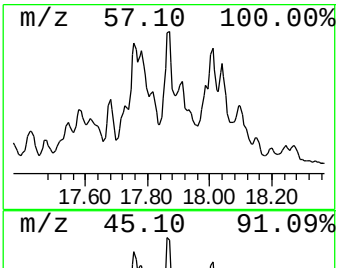
****

Peak Number 3 unknown17.87 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	24.52 ng	2304030	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	35
2	2-Hexadecanol	242	C16H34O	014852-31-4	27
3	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	27
4	Dodecane, 1-(methoxymethoxy)-	230	C14H30O2	034458-41-8	27
5	Isobutyric acid, tetradecyl ester	284	C18H36O2	167871-30-9	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002712.D
Acq On : 09 Jul 2020 23:37
Operator : CG/JU
Sample : L3217-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E3-41-VAT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

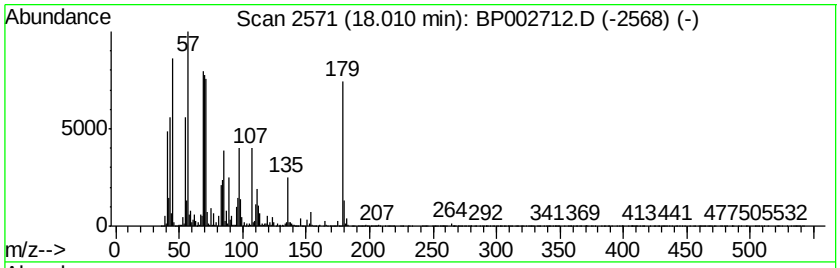
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

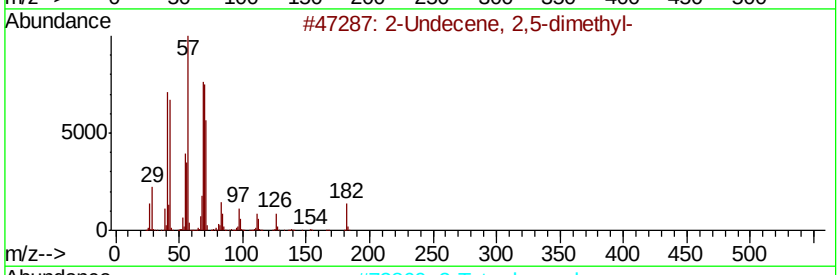
****

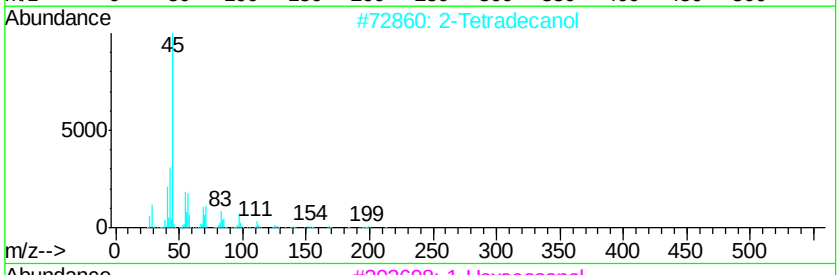
Peak Number 4 unknown18.01 Concentration Rank 16

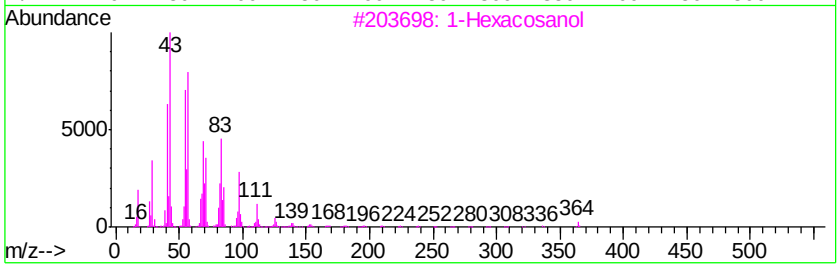
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	23.04 ng	2164750	Phenanthrene-d10	16.97

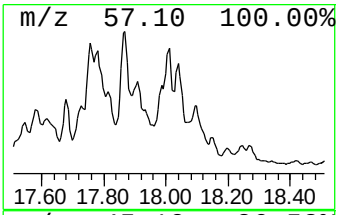
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecene, 2,5-dimethyl-	182	C13H26	049622-16-4	38
2	2-Tetradecanol	214	C14H30O	004706-81-4	35
3	1-Hexacosanol	382	C26H54O	000506-52-5	27
4	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	22
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	15

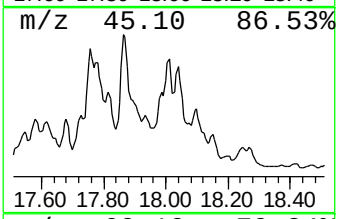


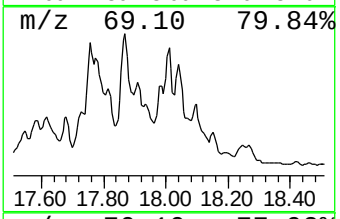


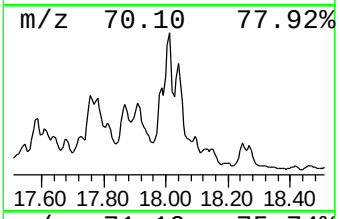


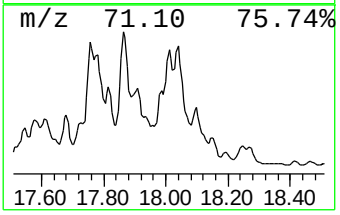












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002712.D
Acq On : 09 Jul 2020 23:37
Operator : CG/JU
Sample : L3217-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E3-41-VAT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

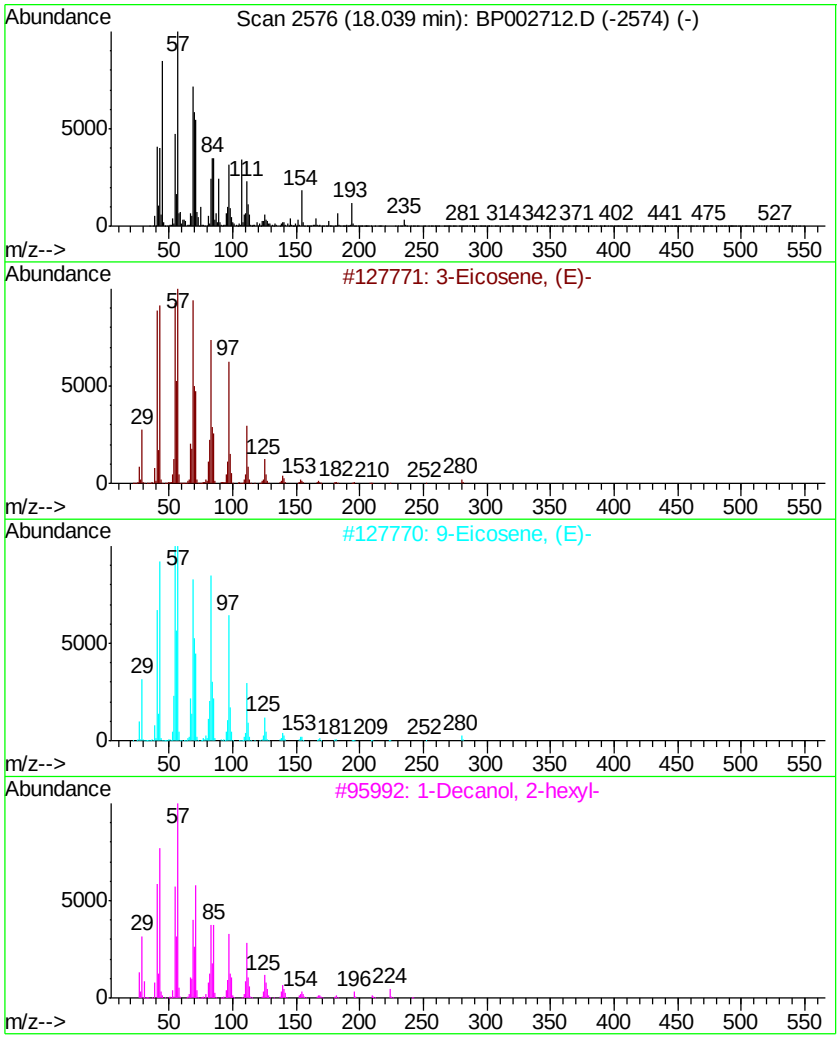
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

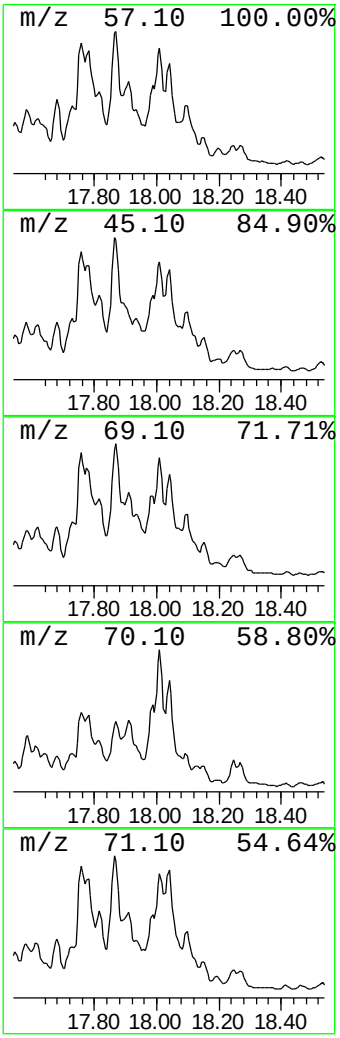
****

Peak Number 5 unknown18.04 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	18.86 ng	1771620	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	41
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	38
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	38
4	Triethylene glycol	150	C6H14O4	000112-27-6	22
5	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	14





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Acq On : 09 Jul 2020 23:37
Operator : CG/JU
Sample : L3217-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E3-41-VAT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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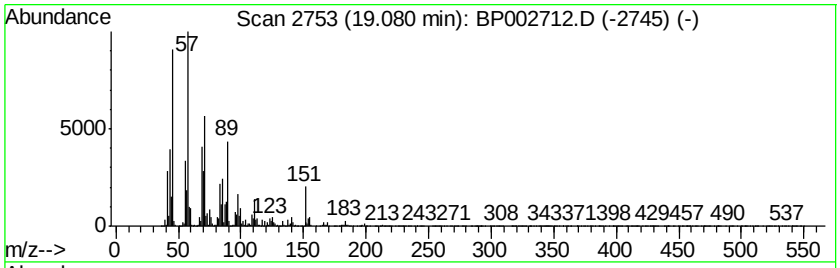
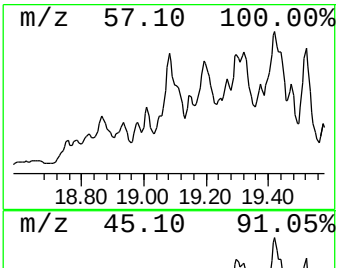
Peak Number 6 Methoxyacetic acid, 2-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	54.04 ng	2802680	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	50
2	Methoxyacetic acid, 2-tridecyl e...	272	C16H32O3	1000282-04-5	47
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	46
4	Diethylene glycol monododecyl ether	274	C16H34O3	003055-93-4	46
5	Methoxyacetic acid, tridecyl ester	272	C16H32O3	1000281-82-0	43





Library Search Compound Report

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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E3-41-VAT

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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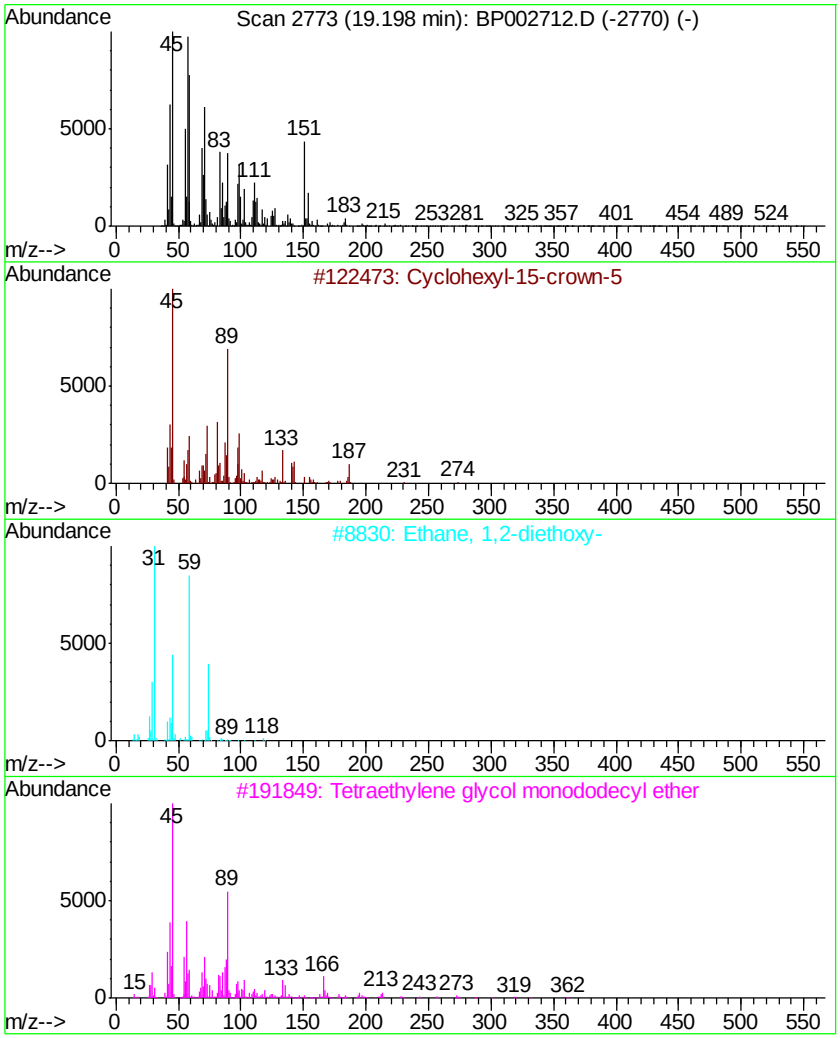
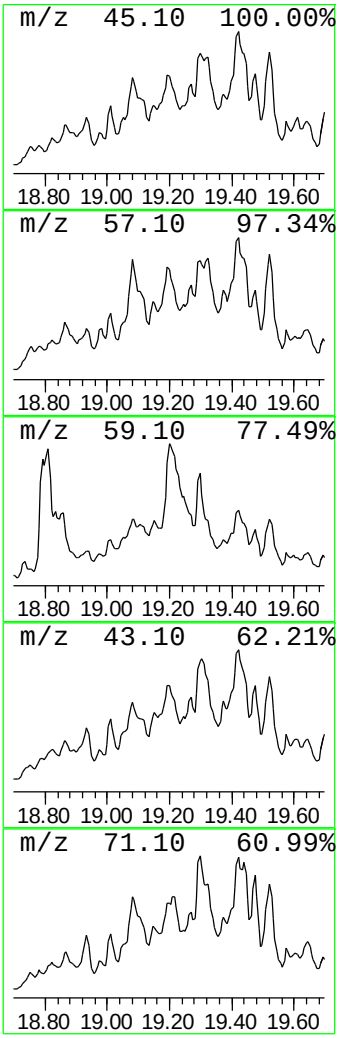
Peak Number 7 unknown19.20 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	30.15 ng	1563600	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexyl-15-crown-5	274	C14H26O5	017454-48-7	22
2	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	22
3	Tetraethylene glycol monododecyl...	362	C20H42O5	005274-68-0	22
4	2-Propanol, 1-(isooctyloxy)-2-me...	202	C12H26O2	056282-27-0	14
5	3-Dodecanol	186	C12H26O	010203-30-2	14





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Operator : CG/JU
Sample : L3217-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E3-41-VAT

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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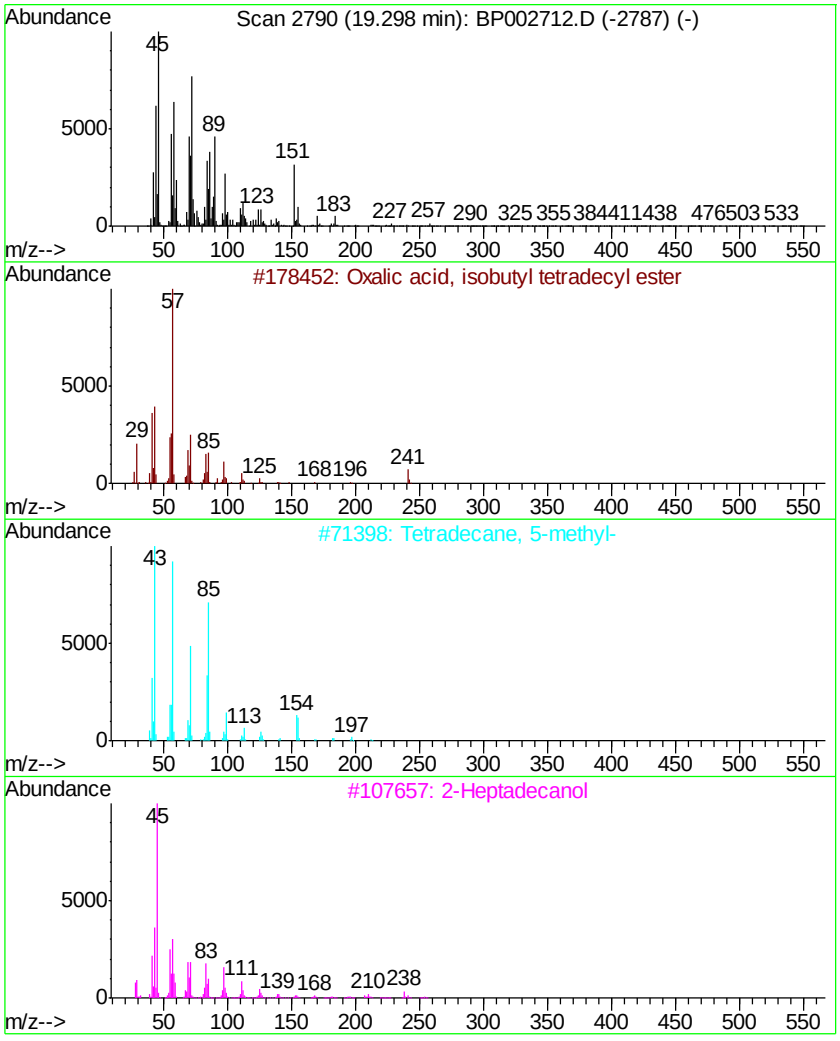
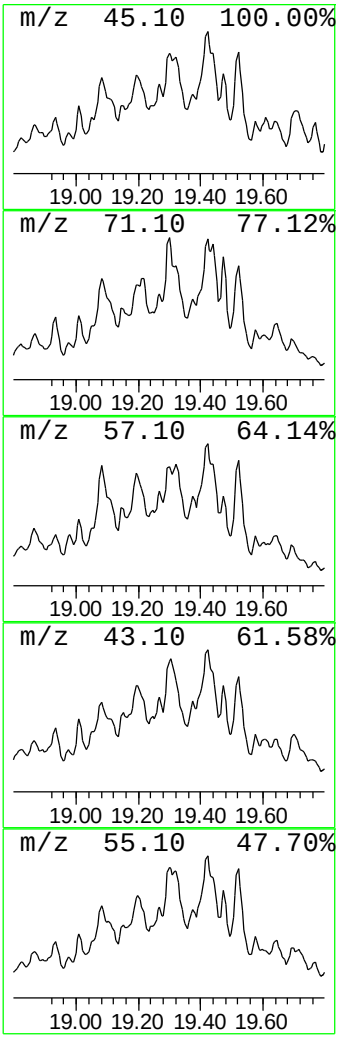
Peak Number 8 unknown19.30 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	30.83 ng	1599090	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	35
2	Tetradecane, 5-methyl-	212	C15H32	025117-32-2	25
3	2-Heptadecanol	256	C17H36O	016813-18-6	25
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	25
5	Methoxyacetic acid, 6-ethyl-3-oc...	230	C13H26O3	1000282-69-8	22





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Acq On : 09 Jul 2020 23:37
Operator : CG/JU
Sample : L3217-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E3-41-VAT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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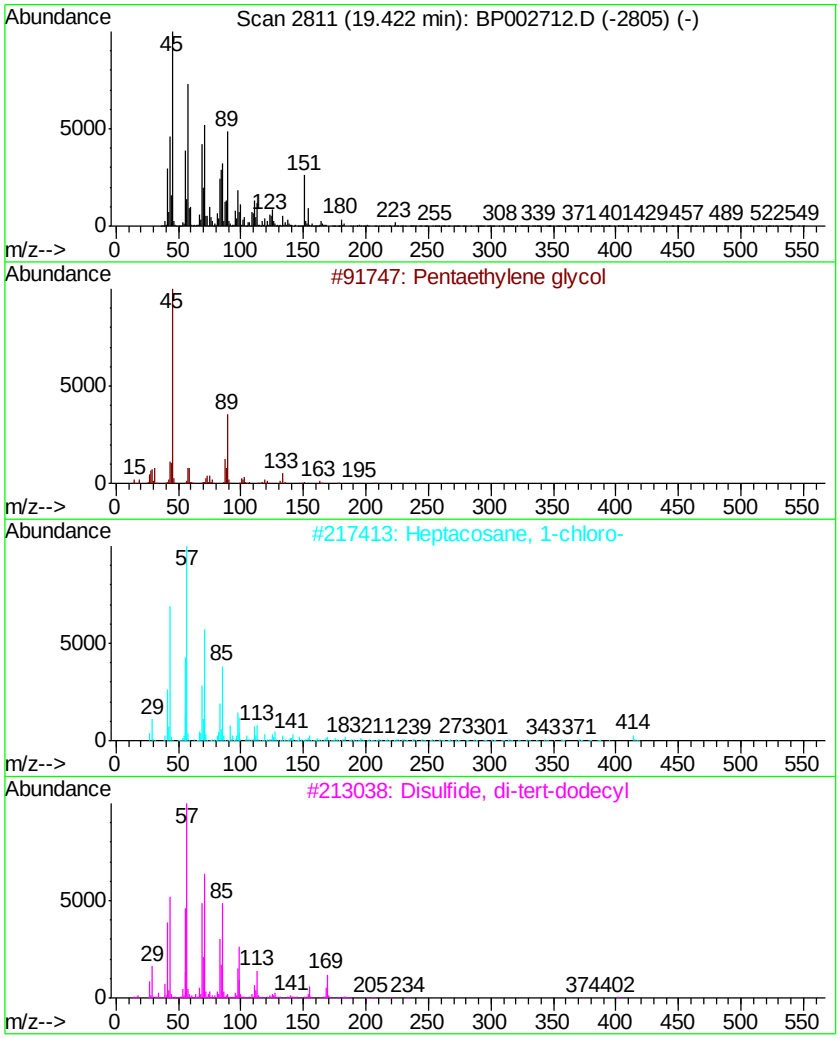
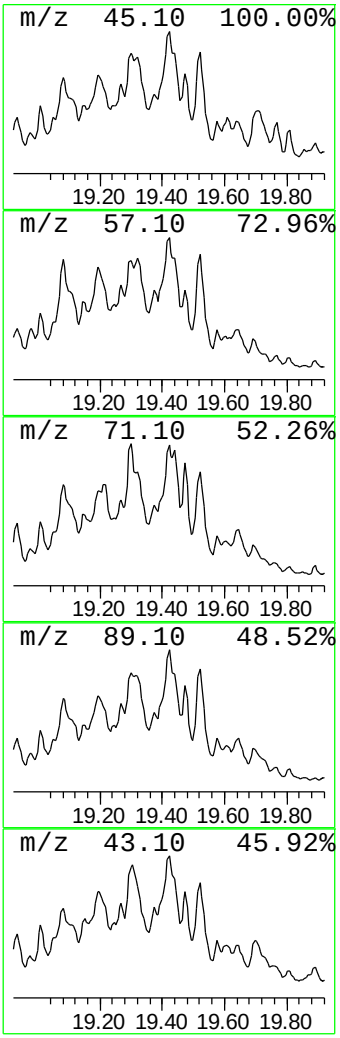
Peak Number 9 unknown19.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	97.57 ng	5060180	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentaethylene glycol	238	C10H22O6	004792-15-8	38
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	38
3	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	35
4	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	35
5	Cyclohexyl-15-crown-5	274	C14H26O5	017454-48-7	30





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Operator : CG/JU
Sample : L3217-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E3-41-VAT

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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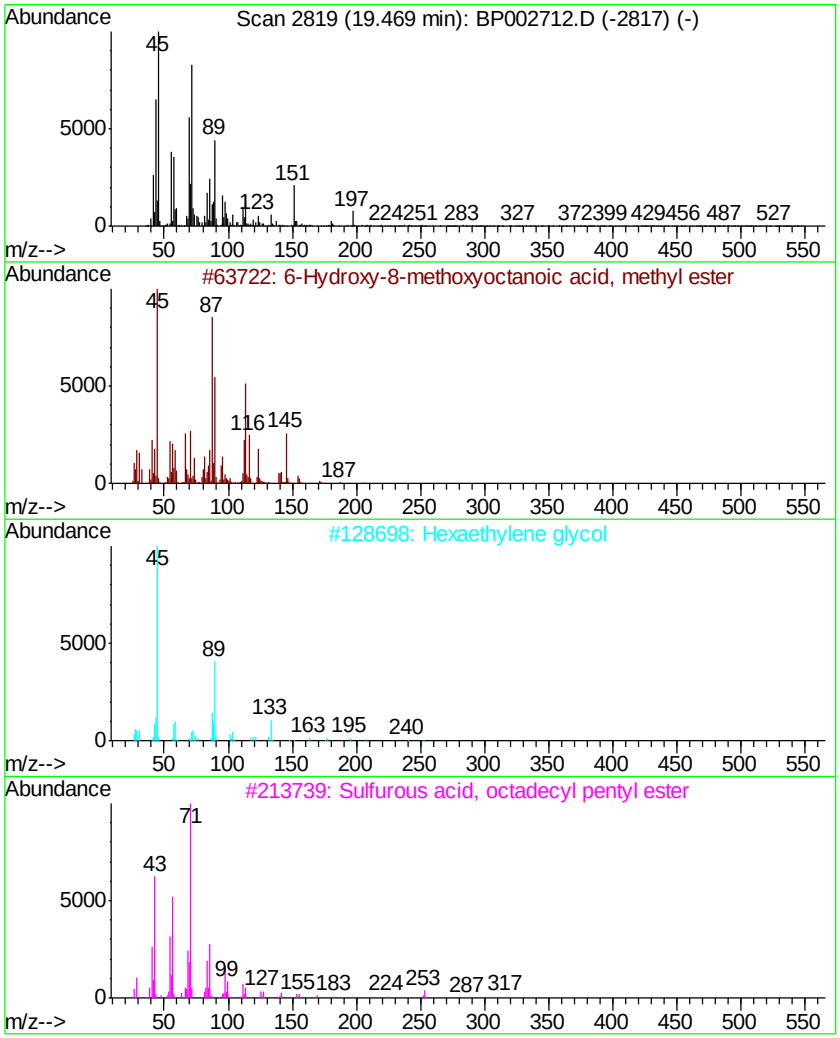
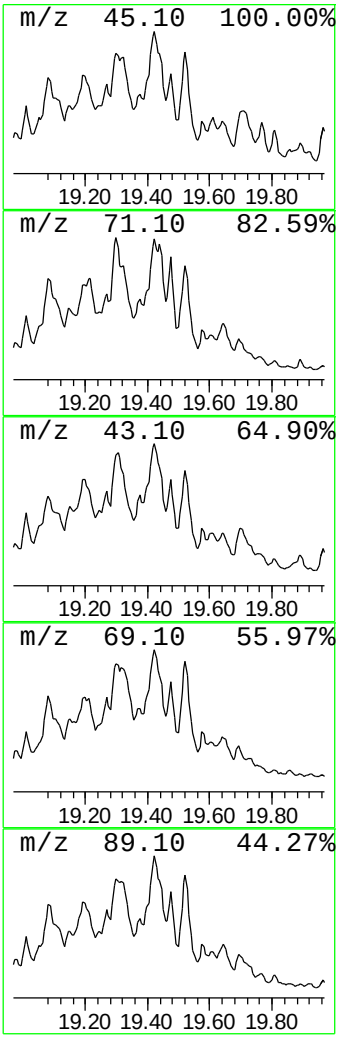
Peak Number 10 unknown19.47 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.47	25.25 ng	1309530	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Hydroxy-8-methoxyoctanoic acid...	204	C10H20O4	1000197-85-9	43
2	Hexaethylene glycol	282	C12H26O7	002615-15-8	38
3	Sulfurous acid, octadecyl pentyl...	404	C23H48O3S	1000309-15-0	27
4	Heptaethylene glycol	326	C14H30O8	005617-32-3	25
5	Pentaethylene glycol	238	C10H22O6	004792-15-8	25





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Operator : CG/JU
Sample : L3217-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E3-41-VAT

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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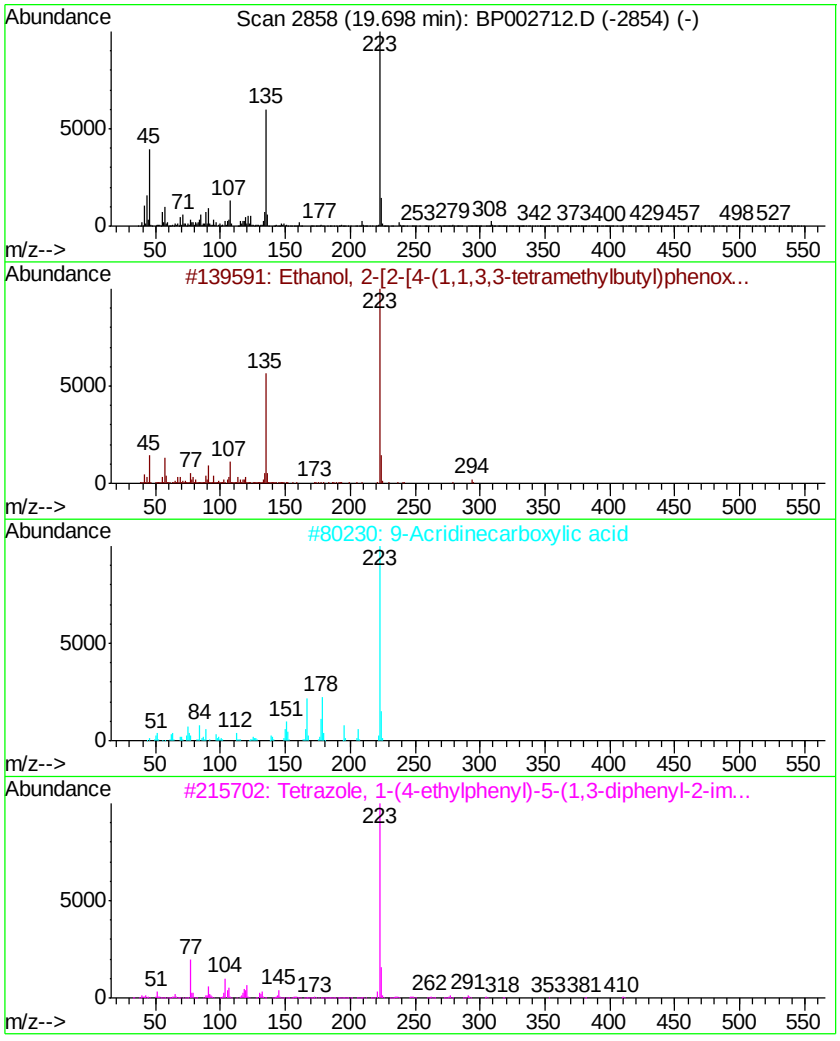
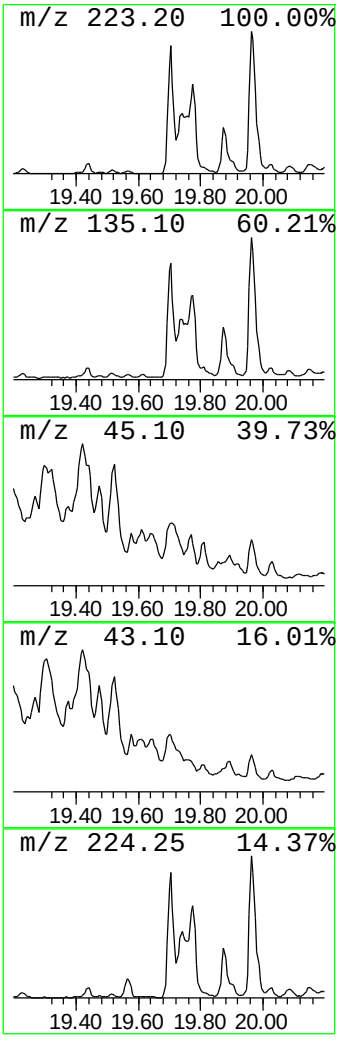
Peak Number 11 Ethanol, 2-[2-[4-(1,1,3,3-t... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	52.59 ng	2727700	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	74
2	9-Acridinecarboxylic acid	223	C14H9NO2	005336-90-3	25
3	Tetrazole, 1-(4-ethylphenyl)-5-(...	410	C25H26N6	125038-06-4	25
4	Sarcosine, N-(4-methoxybenzoyl)-...	279	C15H21NO4	1000321-42-1	11
5	1H-Indole, 5-fluoro-	135	C8H6FN	000399-52-0	11





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Operator : CG/JU
Sample : L3217-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E3-41-VAT

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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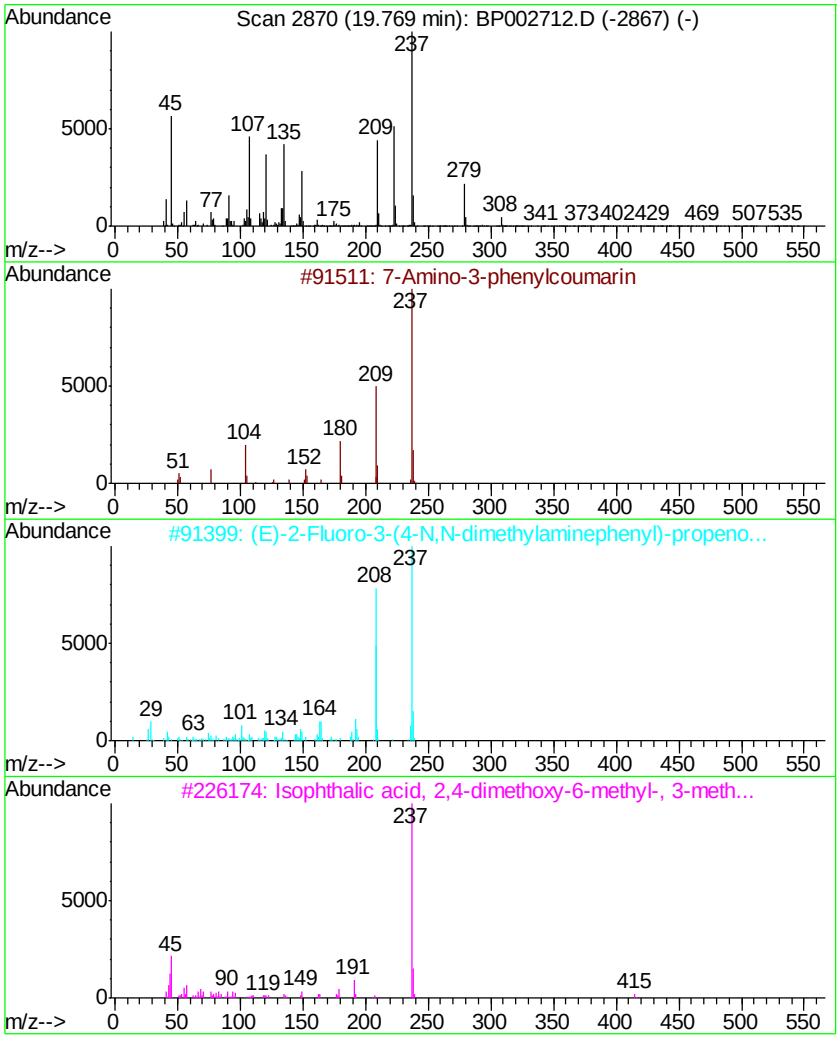
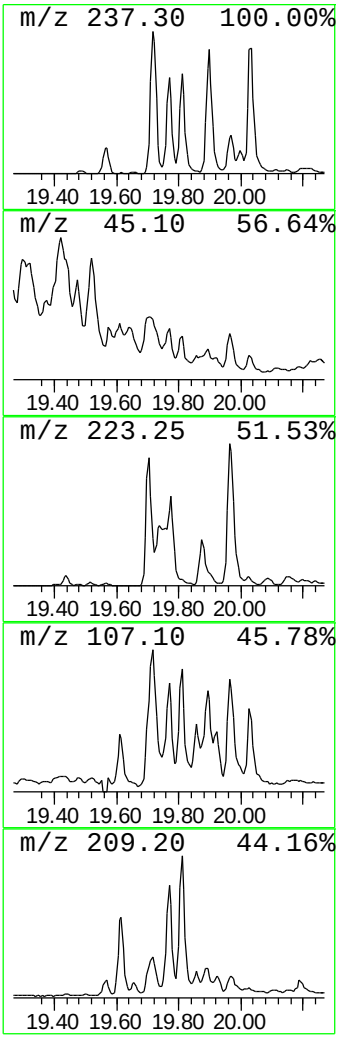
Peak Number 12 unknown19.77 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	21.64 ng	1122590	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Amino-3-phenylcoumarin	237	C15H11NO2	004108-61-6	30
2	(E)-2-Fluoro-3-(4-N,N-dimethylam...	237	C13H16FNO2	110915-65-6	27
3	Isophthalic acid, 2,4-dimethoxy-...	446	C23H26O9	019314-77-3	27
4	Thieno[2,3-d]pyrimidine-6-carbon...	237	C8H7N5S2	1000311-13-6	27
5	Coumarin-6-ol, 3,4-dihydro-4,4-d...	237	C11H11NO5	1000126-61-0	14





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Misc :
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Instrument : BNA_P
ClientSampleId : E3-41-VAT

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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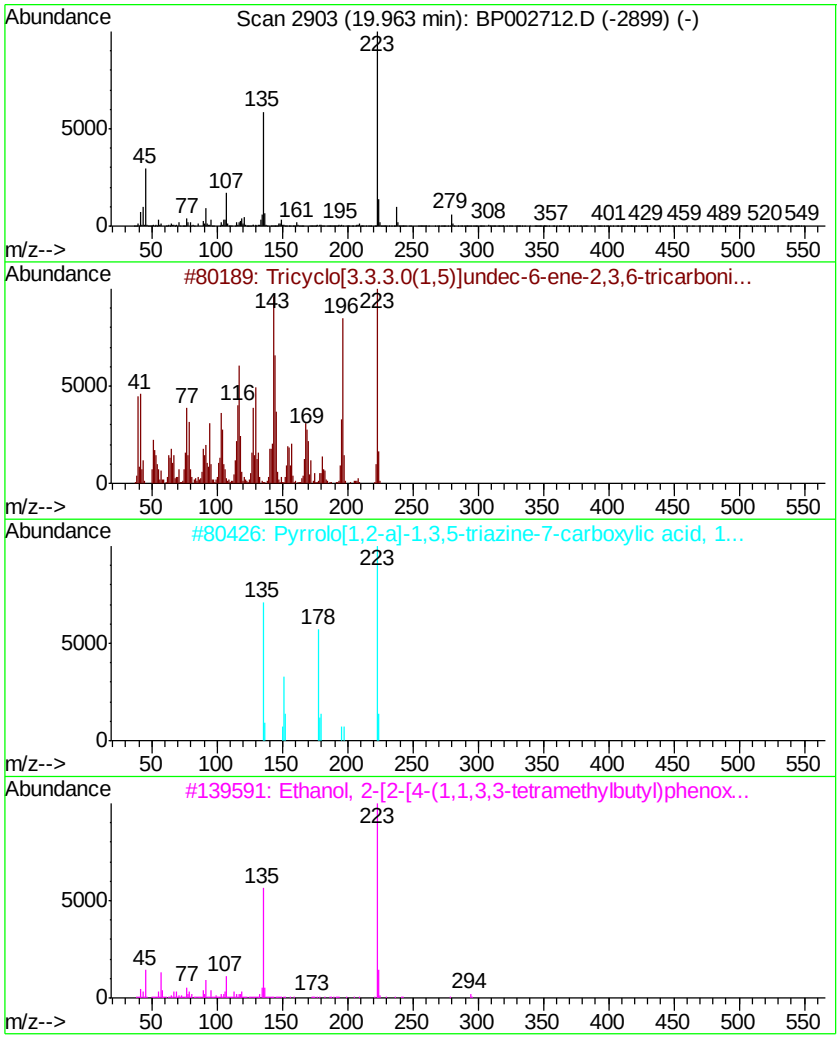
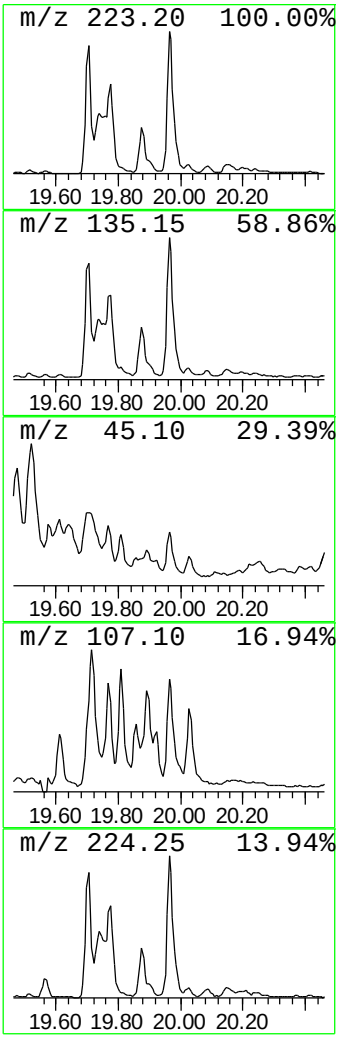
Peak Number 13 Tricyclo[3.3.3.0(1,5)]undec... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	31.00 ng	1607620	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[3.3.3.0(1,5)]undec-6-en...	223	C14H13N3	118894-71-6	89
2	Pyrrolo[1,2-a]-1,3,5-triazine-7-...	223	C9H9N3O4	054449-89-7	80
3	Ethanol, 2-[2-[4-(1,1,3,3-tetram...	294	C18H30O3	002315-61-9	74
4	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	35
5	Tetrazole, 1-(4-fluorophenyl)-5-...	400	C23H21FN6	125038-07-5	27





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Instrument : BNA_P
ClientSampleId : E3-41-VAT

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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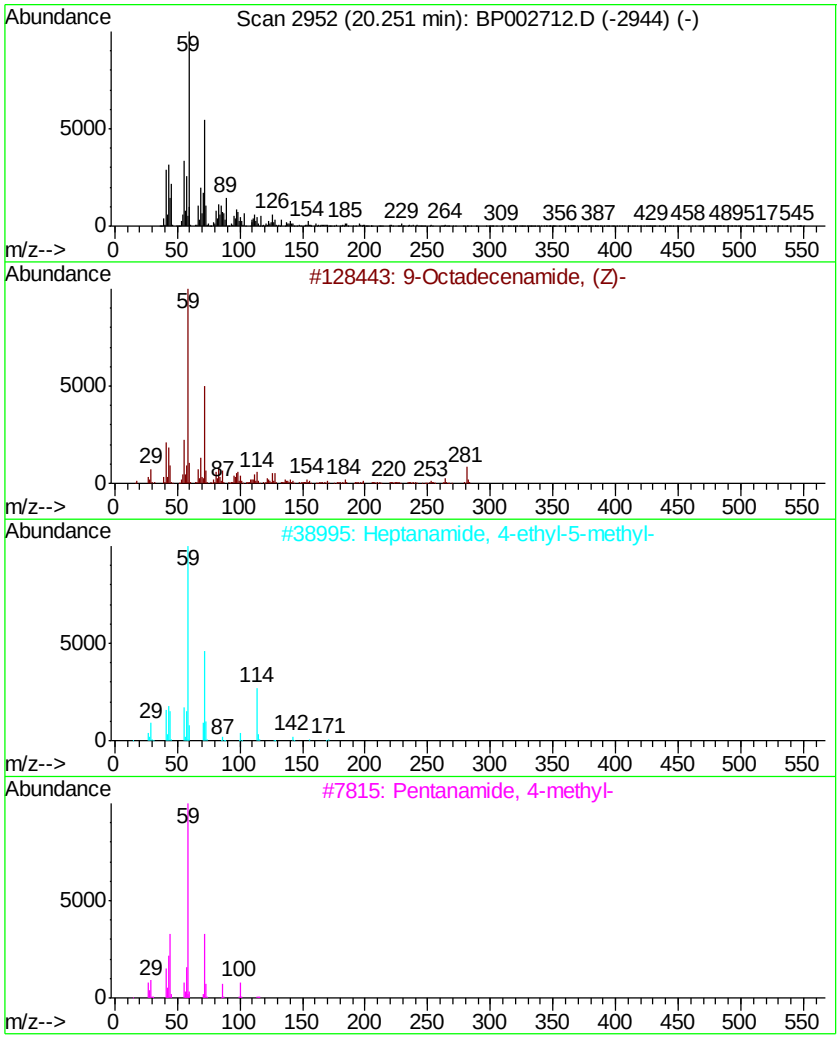
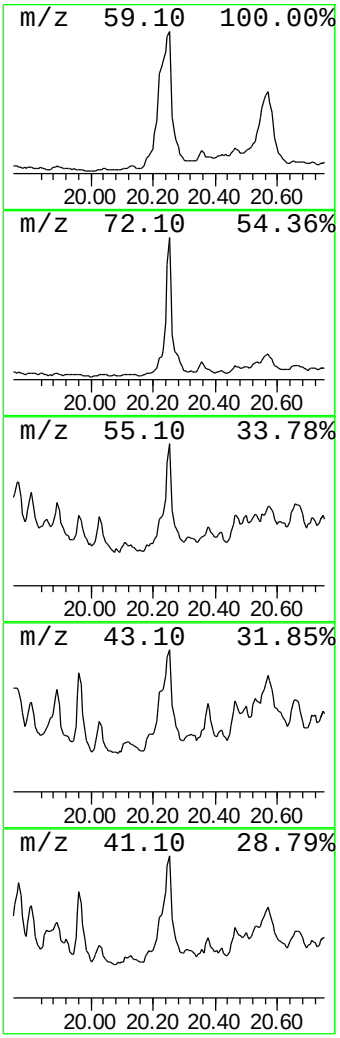
Peak Number 14 9-Octadecenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	34.44 ng	1786390	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	59
2	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	59
3	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	50
4	Nonanamide	157	C9H19NO	001120-07-6	50
5	tert-Butyl-[2-[2-(2-methoxyethox...	278	C13H30O4Si	1000352-09-5	47





Library Search Compound Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E3-41-VAT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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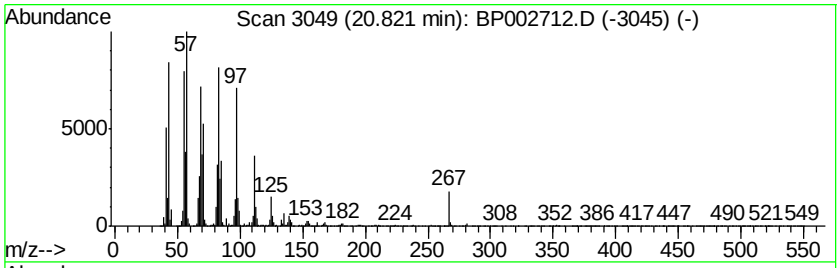
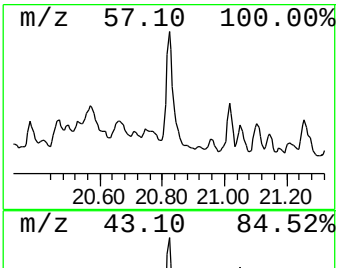
Peak Number 15 2- Chloropropionic acid, he... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	33.96 ng	1761060	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	96
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
5	1-Docosene	308	C22H44	001599-67-3	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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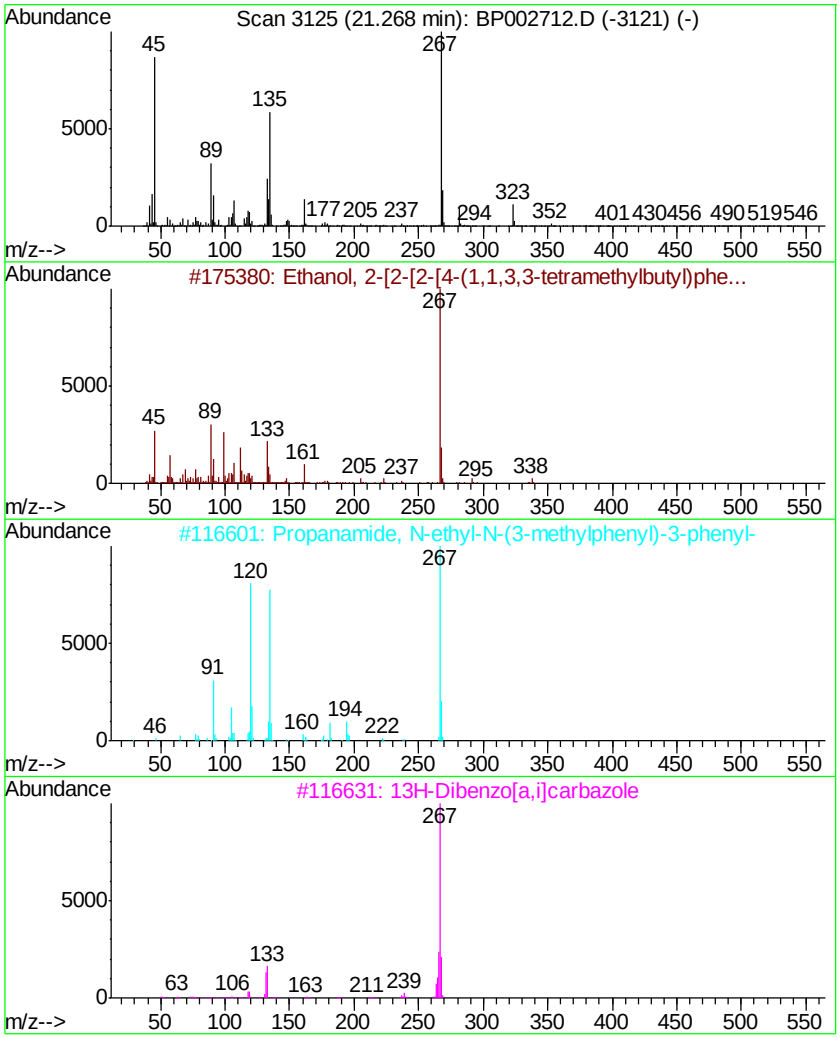
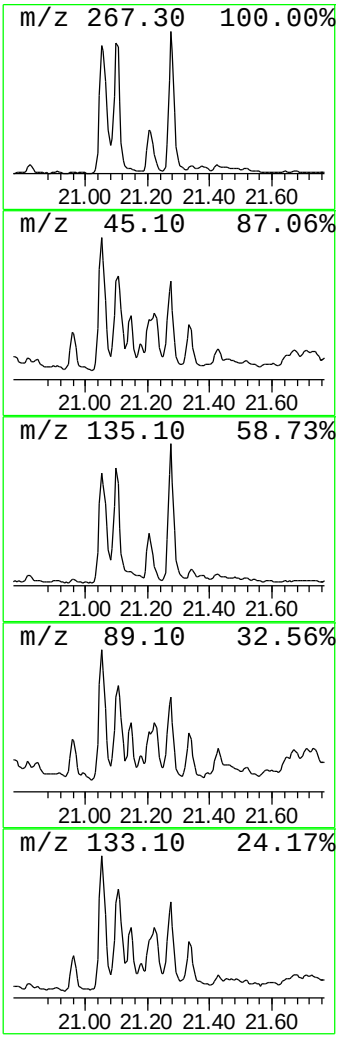
Peak Number 16 Ethanol, 2-[2-[2-[4-(1,1,3,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	40.86 ng	2119040	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-[2-[4-(1,1,3,3-tet...	338	C20H34O4	002315-62-0	64
2	Propanamide, N-ethyl-N-(3-methyl...	267	C18H21NO	1000308-21-3	38
3	13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	38
4	7H-Dibenzo[c,g]carbazole	267	C20H13N	000194-59-2	37
5	Benzaldehyde, 2,5-bis[(trimethyl...	282	C13H22O3Si2	056114-69-3	25





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Acq On : 09 Jul 2020 23:37
Operator : CG/JU
Sample : L3217-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E3-41-VAT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

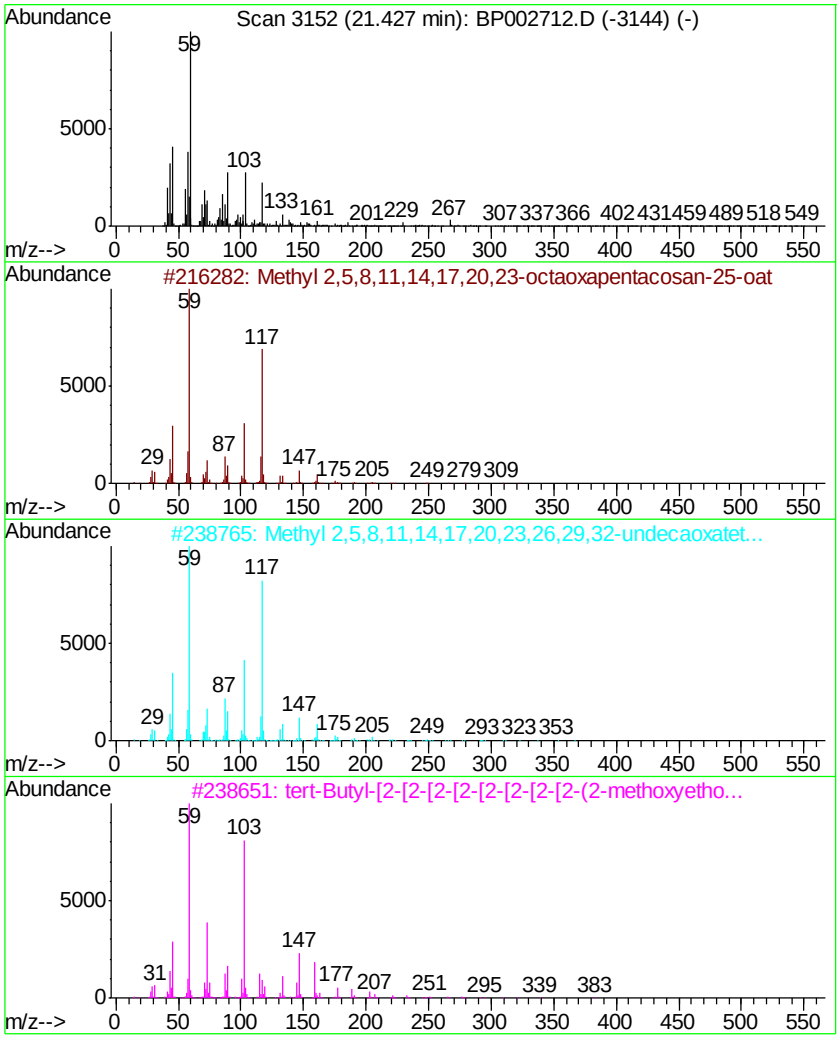
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

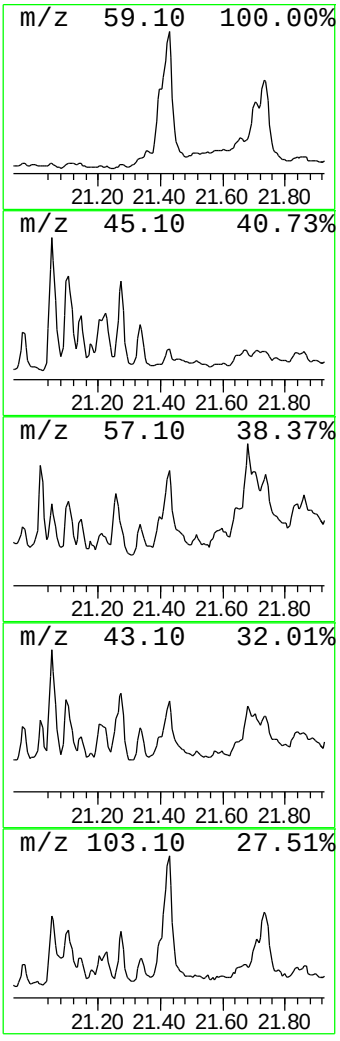
****

Peak Number 17 Methyl 2,5,8,11,14,17,20,23... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	28.67 ng	1486820	Chrysene-d12	21.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2,5,8,11,14,17,20,23-octa...	412	C18H36O10	1000366-81-2	64
2	Methyl 2,5,8,11,14,17,20,23,26,2...	544	C24H48O13	1000366-80-9	64
3	tert-Butyl-[2-[2-[2-[2-[2-[2-[2-...	542	C25H54O10Si	1000352-09-9	53
4	Methyl 2,5,8,11,14,17,20,23,26-n...	456	C20H40O11	1000366-81-1	52
5	Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	50





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Acq On : 09 Jul 2020 23:37
Operator : CG/JU
Sample : L3217-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E3-41-VAT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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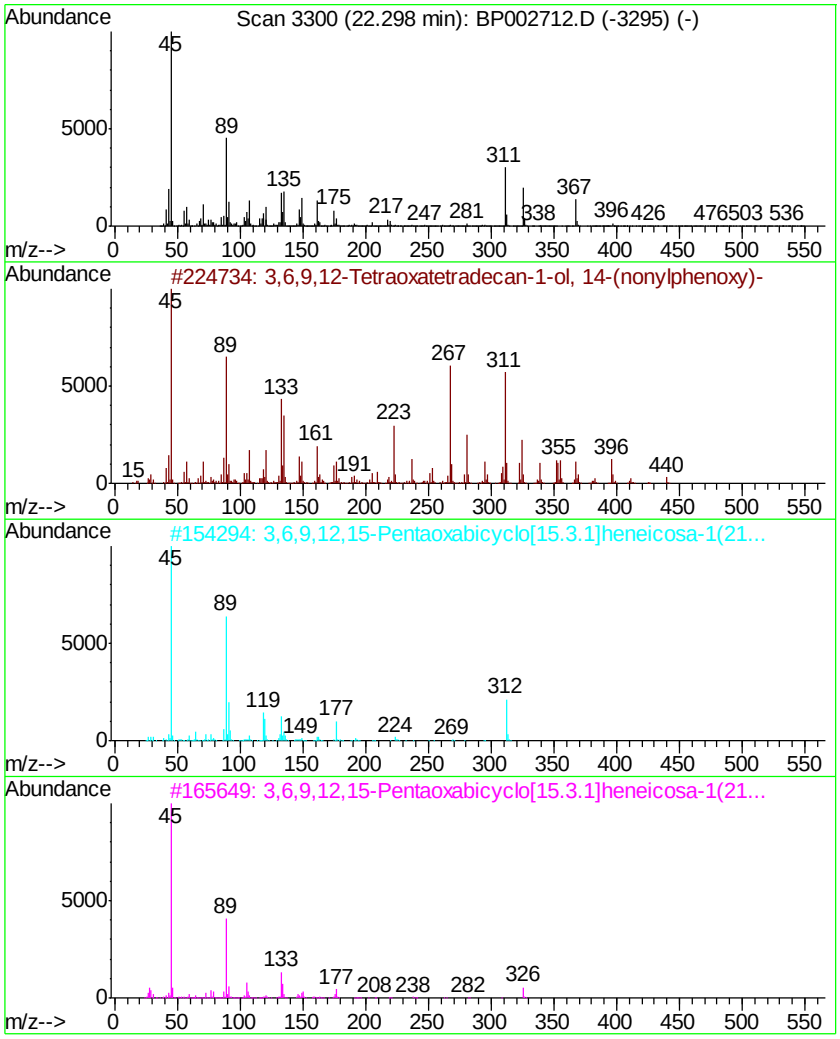
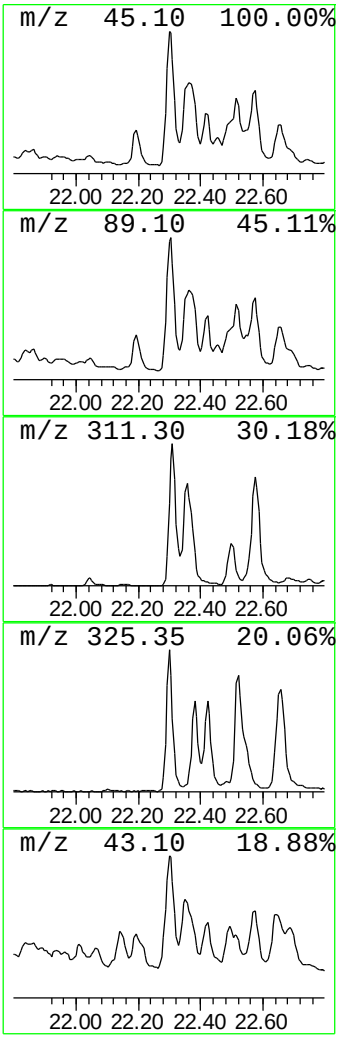
Peak Number 18 3,6,9,12-Tetraoxatetradecan... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	25.06 ng	4226880	Perylene-d12	23.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12-Tetraoxatetradecan-1-ol...	440	C25H44O6	026264-02-8	64
2	3,6,9,12,15-Pentaoxabicyclo[15.3...	312	C16H24O6	065112-36-9	46
3	3,6,9,12,15-Pentaoxabicyclo[15.3...	326	C17H26O6	071128-99-9	46
4	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	38
5	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	32





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Acq On : 09 Jul 2020 23:37
Operator : CG/JU
Sample : L3217-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E3-41-VAT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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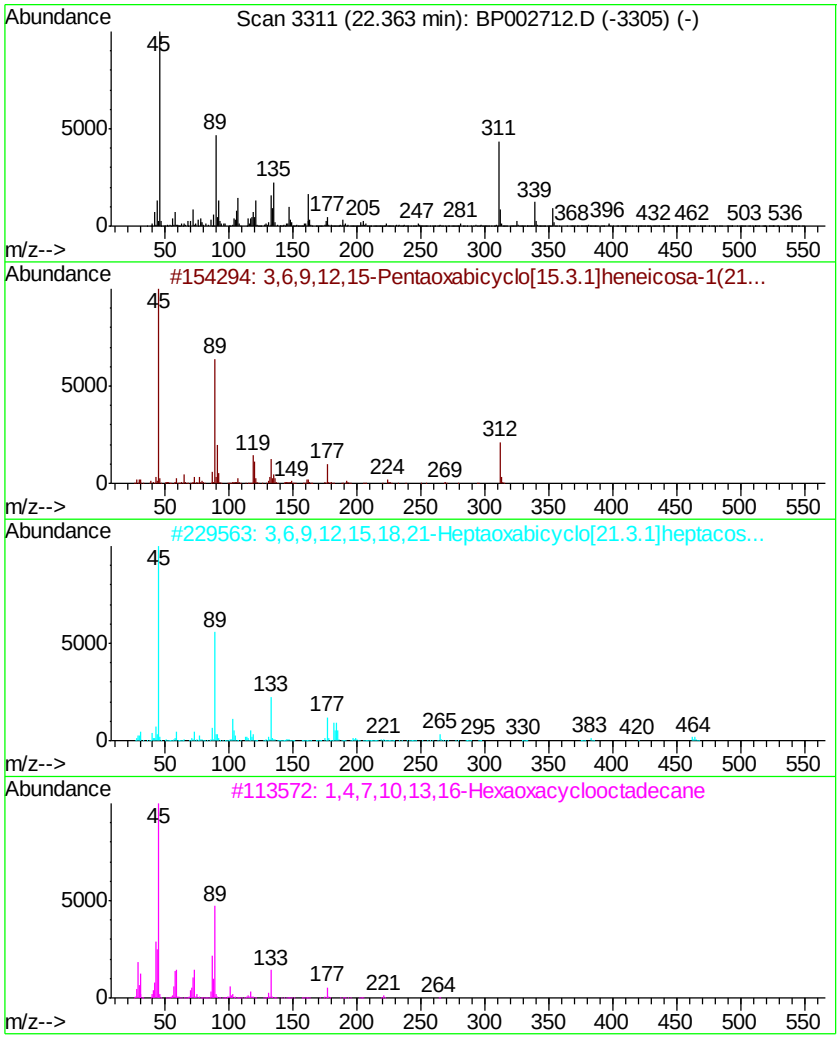
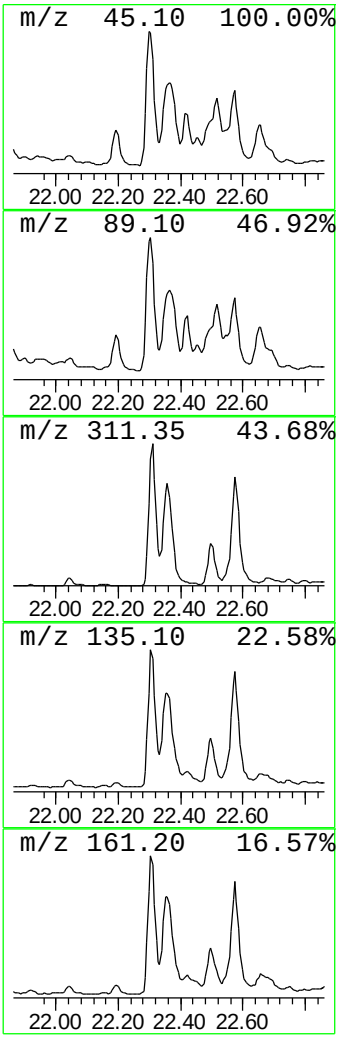
Peak Number 19 unknown22.36 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	17.97 ng	3030680	Perylene-d12	23.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15-Pentaoxabicyclo[15.3...	312	C16H24O6	065112-36-9	46
2	3,6,9,12,15,18,21-Heptaoxabicycl...	462	C20H31BrO7	111982-23-1	41
3	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	38
4	3,6,9,12,15-Pentaoxabicyclo[15.3...	326	C17H26O6	071128-99-9	37
5	Ethanol, 2-[2-[2-[2-[p-(1,1,3,3-...	382	C22H38O5	002315-63-1	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002712.D
Acq On : 09 Jul 2020 23:37
Operator : CG/JU
Sample : L3217-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E3-41-VAT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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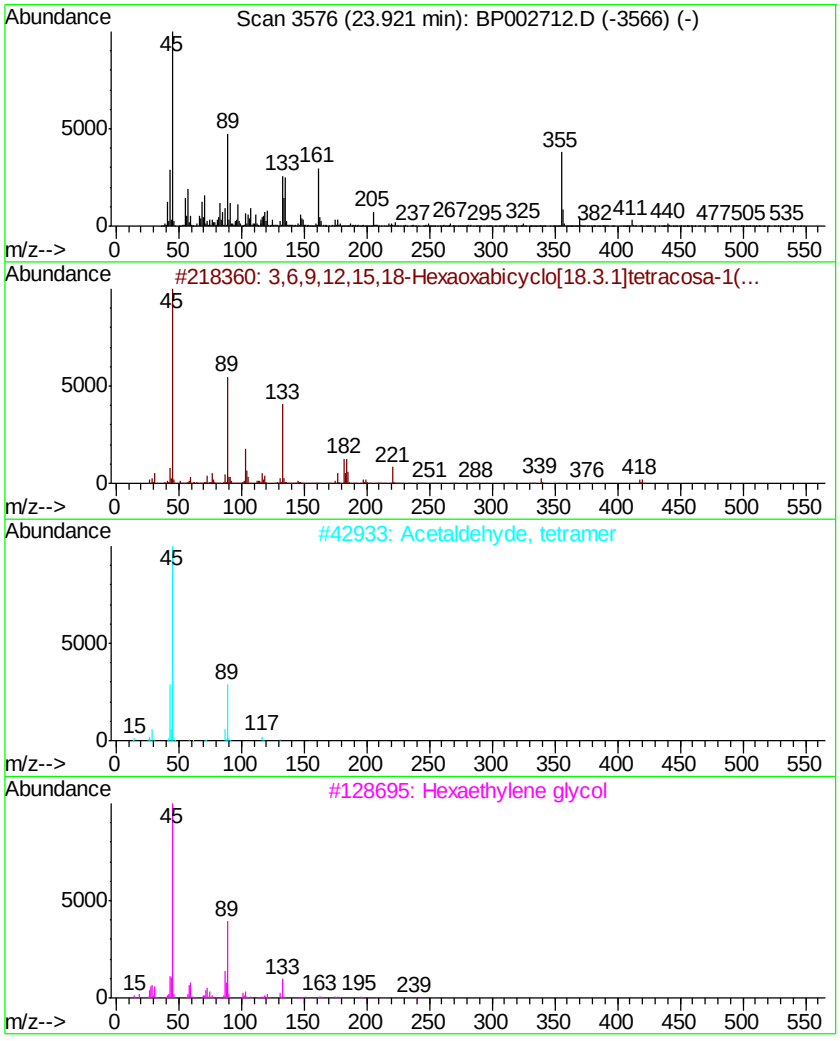
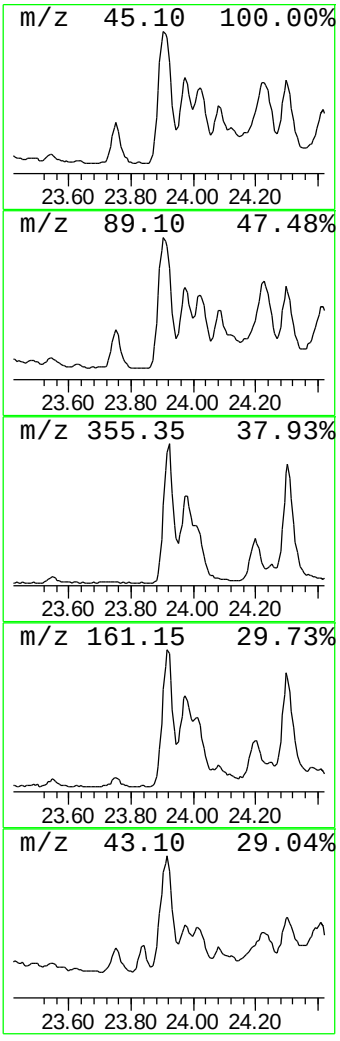
Peak Number 20 3,6,9,12,15,18-Hexaoxabicyc... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	22.10 ng	3728600	Perylene-d12	23.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12,15,18-Hexaoxabicyclo[18...	418	C18H27BrO6	111982-22-0	50
2	Acetaldehyde, tetramer	176	C8H16O4	000108-62-3	43
3	Hexaethylene glycol	282	C12H26O7	002615-15-8	40
4	3,6,9,12,15-Pentaoxabicyclo[15.3...	326	C17H26O6	071128-99-9	40
5	3,6,9,12,15,18,21-Heptaoxabicycl...	462	C20H31BrO7	111982-23-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP070920\
Data File : BP002712.D
Acq On : 09 Jul 2020 23:37
Operator : CG/JU
Sample : L3217-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E3-41-VAT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Benzenesulfonamid...	15.47	24.9	ng	1684120	3	14.22	1355320	20.0
unknown17.87	17.87	24.5	ng	2304030	4	16.97	1878930	20.0
unknown18.01	18.01	23.0	ng	2164750	4	16.97	1878930	20.0
unknown18.04	18.04	18.9	ng	1771620	4	16.97	1878930	20.0
Methoxyacetic aci...	19.08	54.0	ng	2802680	5	21.08	1037280	20.0
unknown19.20	19.20	30.1	ng	1563600	5	21.08	1037280	20.0
unknown19.30	19.30	30.8	ng	1599090	5	21.08	1037280	20.0
unknown19.42	19.42	97.6	ng	5060180	5	21.08	1037280	20.0
unknown19.47	19.47	25.3	ng	1309530	5	21.08	1037280	20.0
Ethanol, 2-[2-[4-...	19.70	52.6	ng	2727700	5	21.08	1037280	20.0
unknown19.77	19.77	21.6	ng	1122590	5	21.08	1037280	20.0
Tricyclo[3.3.3.0(...	19.96	31.0	ng	1607620	5	21.08	1037280	20.0
9-Octadecenamide,...	20.25	34.4	ng	1786390	5	21.08	1037280	20.0
2- Chloropropioni...	20.82	34.0	ng	1761060	5	21.08	1037280	20.0
Ethanol, 2-[2-[2-...	21.27	40.9	ng	2119040	5	21.08	1037280	20.0
Methyl 2,5,8,11,1...	21.43	28.7	ng	1486820	5	21.08	1037280	20.0
3,6,9,12-Tetraoxa...	22.30	25.1	ng	4226880	6	23.27	3373890	20.0
unknown22.36	22.36	18.0	ng	3030680	6	23.27	3373890	20.0
3,6,9,12,15,18-He...	23.92	22.1	ng	3728600	6	23.27	3373890	20.0