

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091418\
 Data File : BN002710.D
 Acq On : 15 Sep 2018 03:39
 Operator : JU/SJ
 Sample : J4865-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB3P1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 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-BN091418MA.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	3.223	36	40	48	rVB	28676	42764	1.35%	0.088%
2	3.834	140	144	150	rVB	22709	33203	1.05%	0.068%
3	6.352	565	572	581	rBV	195531	300682	9.47%	0.619%
4	6.840	648	655	669	rBV	463050	861229	27.11%	1.773%
5	6.993	675	681	690	rBV	379171	587294	18.49%	1.209%
6	7.087	692	697	703	rVB4	29670	54969	1.73%	0.113%
7	7.187	708	714	727	rVB	488022	793529	24.98%	1.633%
8	7.652	786	793	801	rBV	650148	1044164	32.87%	2.149%
9	8.363	906	914	927	rBV	512139	899067	28.30%	1.850%
10	8.799	981	988	999	rBV	429310	709239	22.33%	1.460%
11	9.516	1103	1110	1122	rBV	349503	596316	18.77%	1.227%
12	10.057	1195	1202	1218	rBV	502054	921416	29.01%	1.896%
13	10.422	1256	1264	1274	rBV	836854	1428505	44.97%	2.940%
14	10.569	1282	1289	1305	rBV	284238	585410	18.43%	1.205%
15	13.698	1815	1821	1826	rBV	858689	1192567	37.54%	2.455%
16	13.745	1826	1829	1836	rVB	244600	336880	10.61%	0.693%
17	13.975	1861	1868	1879	rBV	1040194	1532111	48.23%	3.153%
18	14.287	1914	1921	1929	rBV2	1117619	1686855	53.10%	3.472%
19	14.522	1954	1961	1980	rBV	197783	461126	14.52%	0.949%
20	15.281	2084	2090	2099	rBV	1234302	1833190	57.71%	3.773%
21	15.422	2109	2114	2129	rBV	307510	499379	15.72%	1.028%
22	17.034	2382	2388	2393	rVV2	1267976	1835926	57.80%	3.779%
23	17.075	2393	2395	2400	rVV	154130	207288	6.53%	0.427%
24	17.134	2400	2405	2418	rVB2	1247331	1861171	58.59%	3.831%
25	17.451	2455	2459	2465	rVB	25278	38662	1.22%	0.080%
26	17.939	2539	2542	2550	rBV4	71479	140304	4.42%	0.289%
27	18.010	2550	2554	2557	rVB	63880	74644	2.35%	0.154%
28	18.110	2566	2571	2575	rBV3	34755	53241	1.68%	0.110%
29	18.463	2628	2631	2636	rBV2	51832	74558	2.35%	0.153%
30	18.510	2636	2639	2643	rVB3	35994	45286	1.43%	0.093%
31	18.657	2660	2664	2670	rVB7	26177	40194	1.27%	0.083%
32	18.986	2716	2720	2727	rVB	37576	66395	2.09%	0.137%
33	19.098	2732	2739	2746	rVV	995594	1411265	44.43%	2.905%
34	19.157	2746	2749	2754	rVB4	33811	45758	1.44%	0.094%

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35	19.439	2790	2797	2799	rBV	1562357	2278702	71.74%	4.690%
36	19.463	2799	2801	2811	rVV	952883	1236964	38.94%	2.546%
37	19.539	2811	2814	2819	rVB2	33300	56398	1.78%	0.116%
38	19.651	2830	2833	2840	rVB	39903	53136	1.67%	0.109%
39	19.716	2841	2844	2849	rVB	33540	47019	1.48%	0.097%
40	19.792	2852	2857	2858	rBV2	49294	70562	2.22%	0.145%
41	19.928	2877	2880	2883	rBV4	44625	68516	2.16%	0.141%
42	19.969	2883	2887	2894	rVB2	96549	176604	5.56%	0.363%
43	20.069	2900	2904	2907	rVB2	62070	75762	2.39%	0.156%
44	20.128	2907	2914	2917	rBV3	81999	160382	5.05%	0.330%
45	20.263	2935	2937	2942	rVB	35005	38941	1.23%	0.080%
46	20.492	2972	2976	2979	rBV2	120764	130316	4.10%	0.268%
47	20.722	3011	3015	3021	rVB	126314	166267	5.23%	0.342%
48	20.880	3038	3042	3046	rBV2	184468	248264	7.82%	0.511%
49	20.922	3046	3049	3052	rVV	89418	105416	3.32%	0.217%
50	20.963	3052	3056	3061	rVV4	223579	445779	14.03%	0.918%
51	21.016	3062	3065	3074	rVB	176271	282453	8.89%	0.581%
52	21.122	3081	3083	3086	rBV	38459	46891	1.48%	0.097%
53	21.157	3086	3089	3092	rVV	250590	258924	8.15%	0.533%
54	21.233	3096	3102	3106	rVV2	1888518	3176547	100.00%	6.538%
55	21.275	3106	3109	3118	rVB	919512	1159942	36.52%	2.387%
56	21.392	3126	3129	3132	rBV2	119633	136525	4.30%	0.281%
57	21.551	3152	3156	3162	rVB2	123329	199700	6.29%	0.411%
58	21.827	3200	3203	3205	rBV4	114164	158140	4.98%	0.325%
59	22.080	3242	3246	3251	rVB2	164631	210541	6.63%	0.433%
60	22.404	3298	3301	3311	rVB	185990	302446	9.52%	0.622%
61	22.786	3360	3366	3372	rBV2	1208083	2813786	88.58%	5.791%
62	23.263	3441	3447	3451	rBV	647702	1216085	38.28%	2.503%
63	23.310	3451	3455	3460	rVV	1166741	2304732	72.55%	4.744%
64	23.357	3460	3463	3470	rVB	769561	1229818	38.72%	2.531%
65	23.451	3472	3479	3484	rBV	1155503	2144529	67.51%	4.414%
66	23.963	3562	3566	3575	rVB	277520	522352	16.44%	1.075%
67	24.692	3685	3690	3695	rBV2	137006	263448	8.29%	0.542%
68	25.663	3847	3855	3865	rVB	618741	1635702	51.49%	3.367%
69	26.004	3908	3913	3921	rVB	163971	396700	12.49%	0.816%
70	26.339	3962	3970	3980	rVB	418198	1180544	37.16%	2.430%
71	28.221	4282	4290	4303	rVB3	372267	1292752	40.70%	2.661%

LSC Area Percent Report

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Sampling : 1 Min Area: 1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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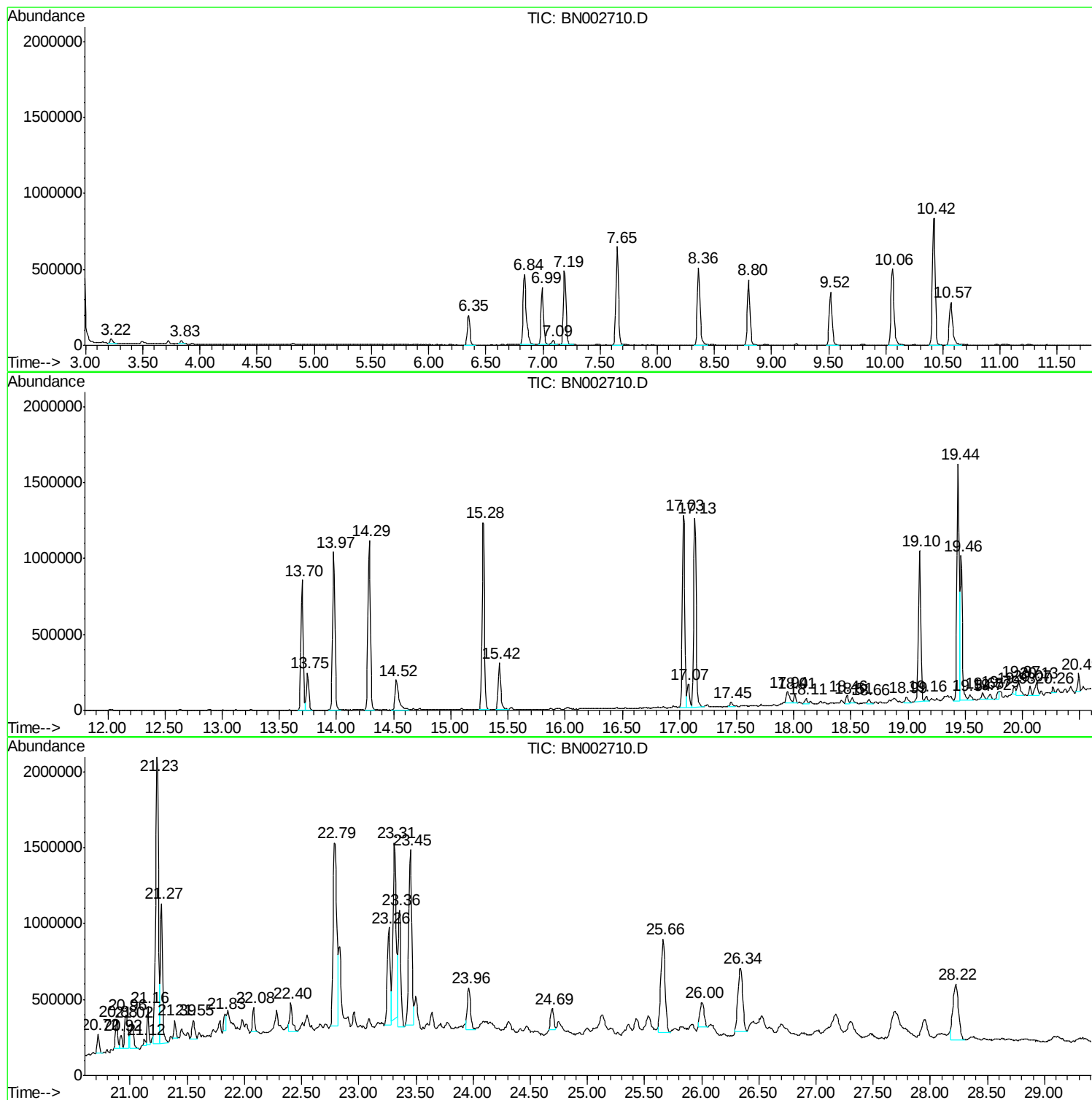
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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



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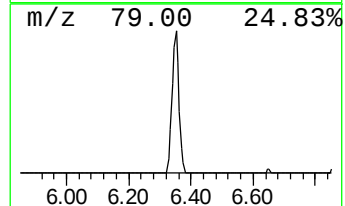
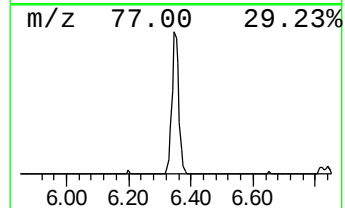
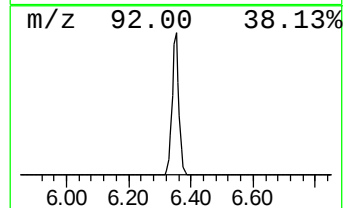
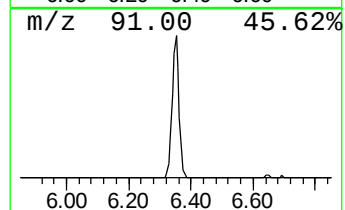
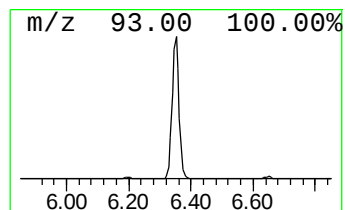
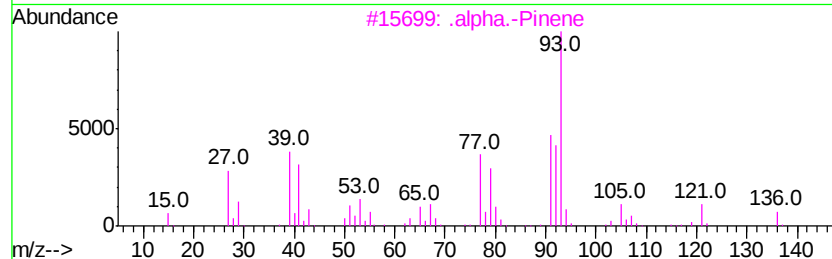
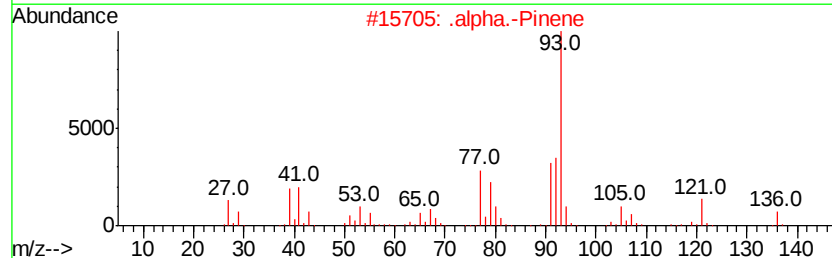
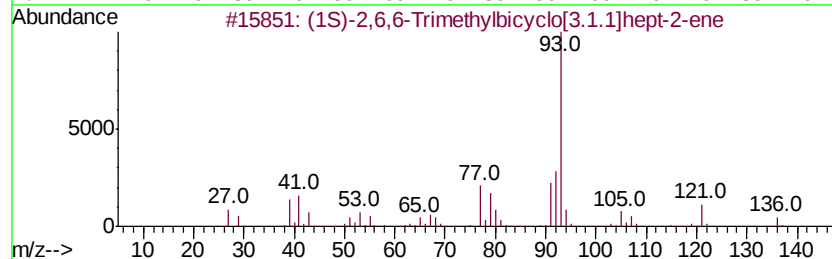
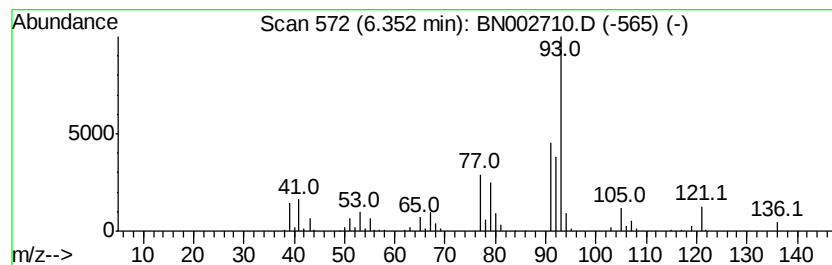
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (1S)-2,6,6-Trimethylbicyclo... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	5.76 ng/ul	300682	1,4-Dichlorobenzene-d4	7.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	94
2		.alpha.-Pinene	136	C10H16	000080-56-8	94
3		.alpha.-Pinene	136	C10H16	000080-56-8	94
4		.alpha.-Pinene	136	C10H16	000080-56-8	91
5		Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	91



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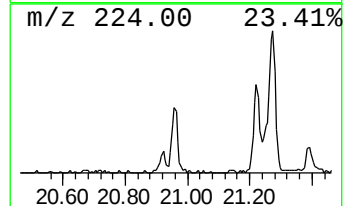
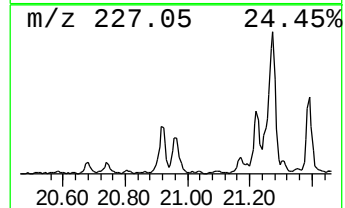
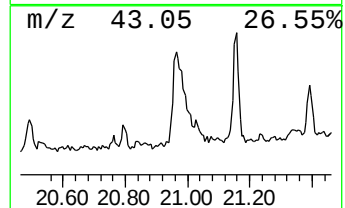
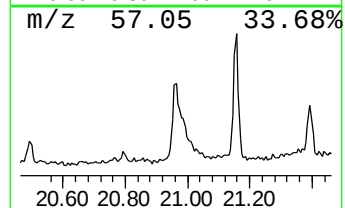
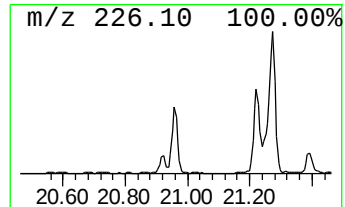
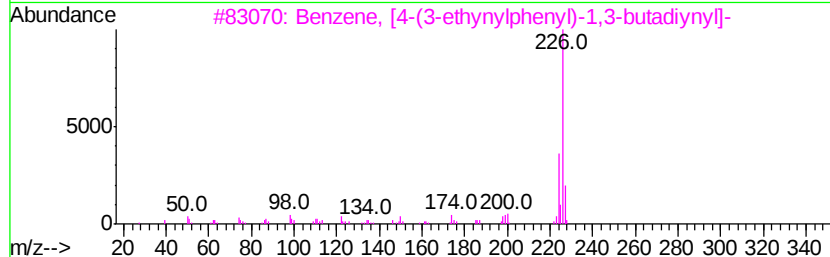
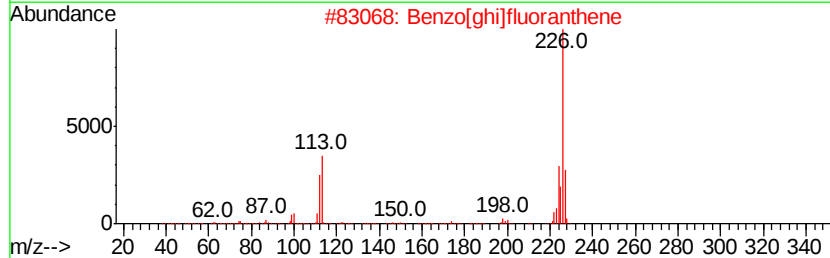
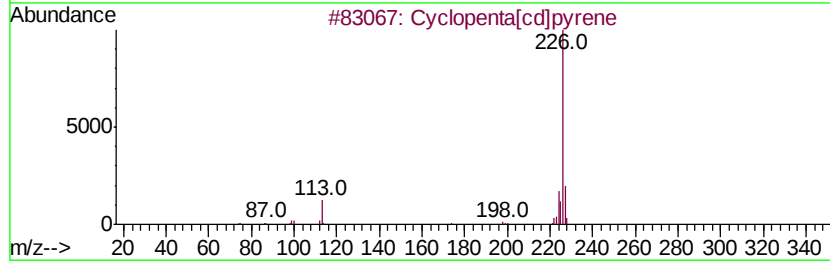
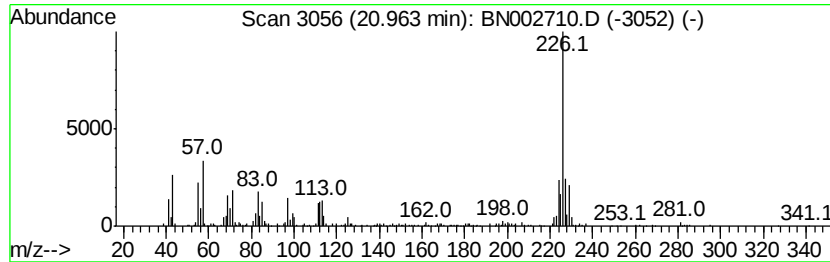
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Cyclopenta[cd]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.81 ng/ul	445779	Chrysene-d12	21.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopenta[cd]pyrene	226 C18H10	027208-37-3 64
2		Benzo[ghi]fluoranthene	226 C18H10	000203-12-3 62
3		Benzene, [4-(3-ethynylphenyl)-1,...	226 C18H10	1000115-87-3 53
4		Anthracene, 1,8-diethynyl-	226 C18H10	078053-58-4 52
5		4-Naphthalen-2-yl-thiazol-2-ylamine	226 C13H10N2S	1000300-53-4 38



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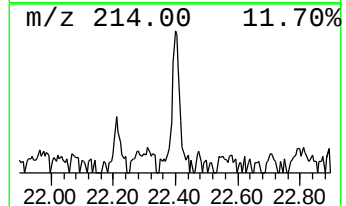
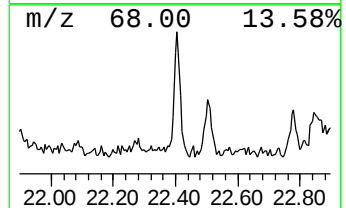
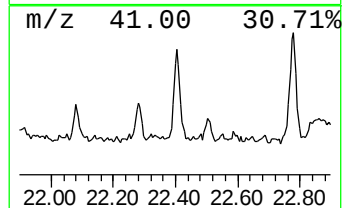
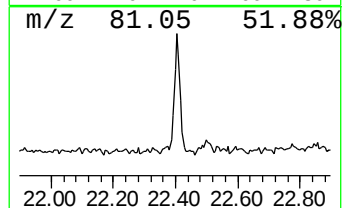
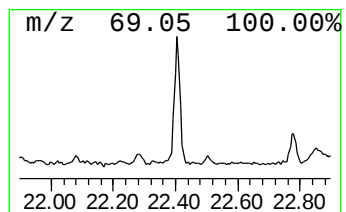
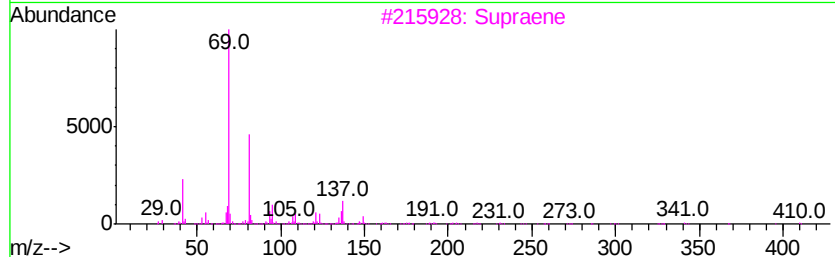
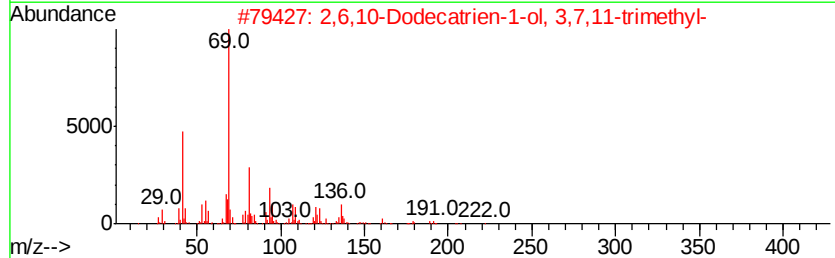
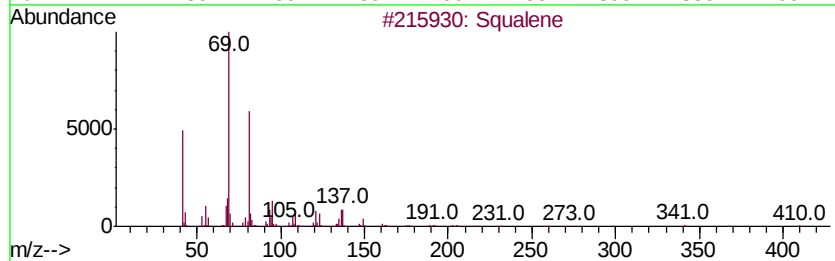
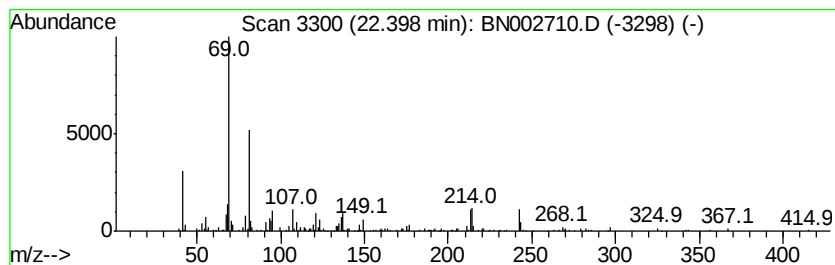
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Peak Number 3 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.40	2.82 ng/ul	302446	Perylene-d12	23.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	76
2	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64
3	Supraene	410	C30H50	007683-64-9	64
4	Squalene	410	C30H50	000111-02-4	59
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	59



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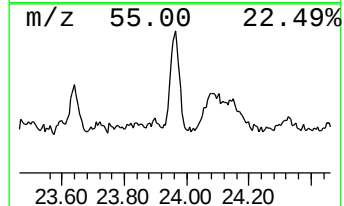
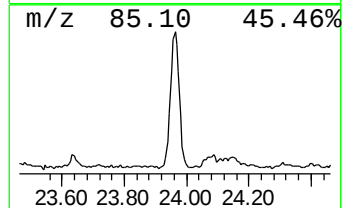
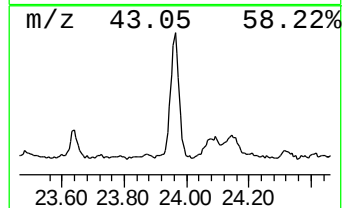
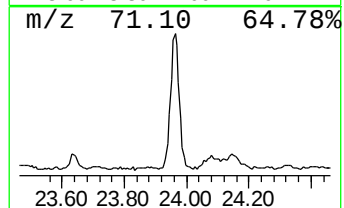
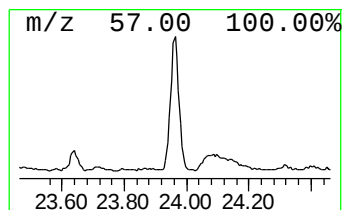
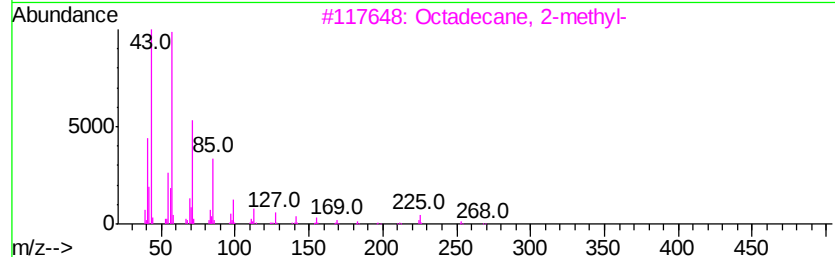
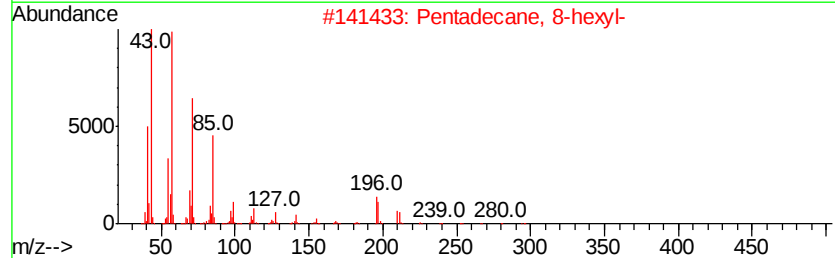
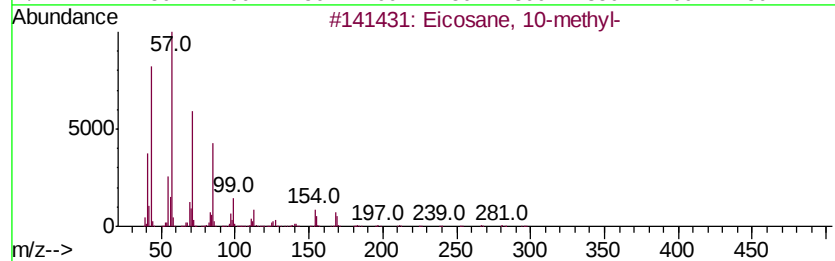
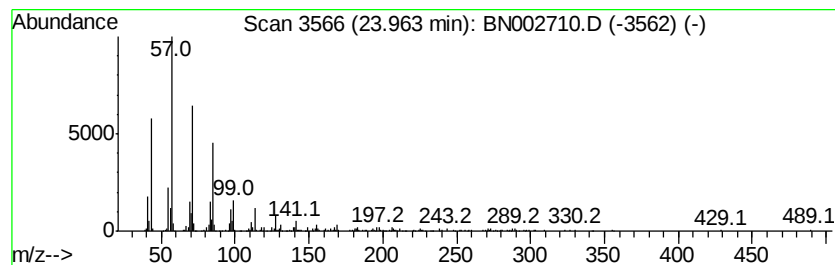
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	4.87 ng/ul	522352	Perylene-d12	23.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091418\
Data File : BN002710.D
Acq On : 15 Sep 2018 03:39
Operator : JU/SJ
Sample : J4865-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DB3P1

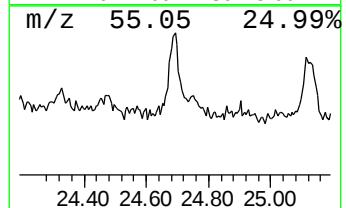
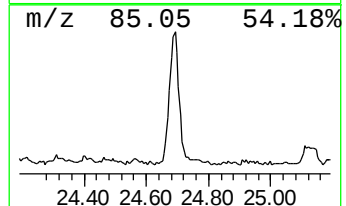
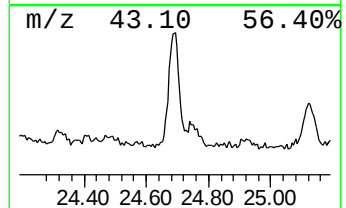
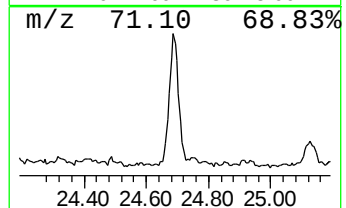
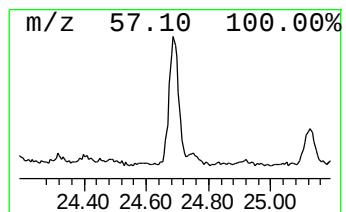
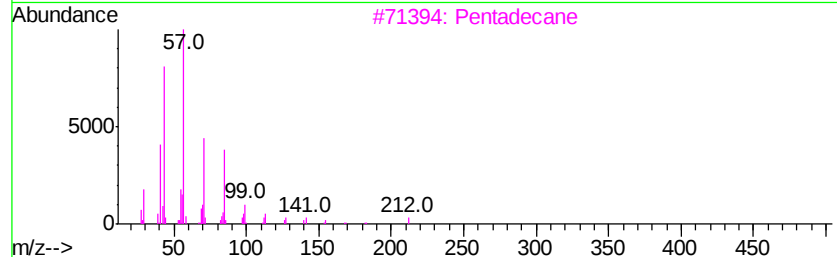
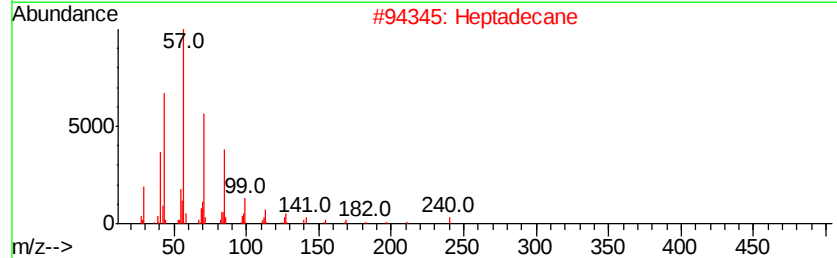
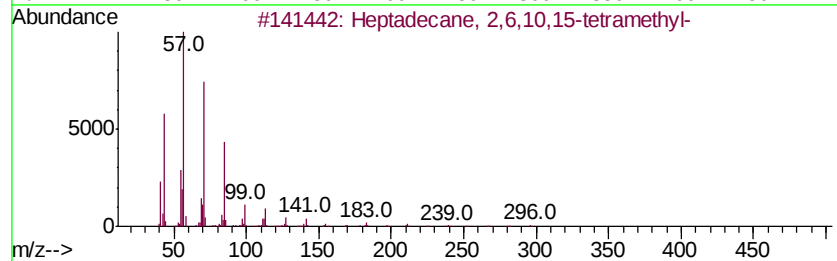
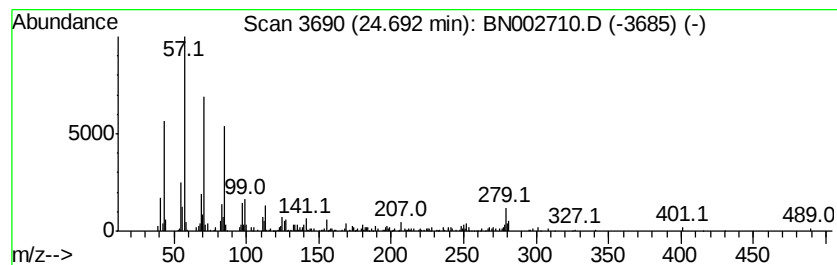
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.69	2.46 ng/ul	263448	Perylene-d12	23.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89
2		Heptadecane	240	C17H36	000629-78-7	89
3		Pentadecane	212	C15H32	000629-62-9	76
4		2-methyloctacosane	408	C29H60	1000376-72-8	68
5		Tetracosane	338	C24H50	000646-31-1	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091418\
Data File : BN002710.D
Acq On : 15 Sep 2018 03:39
Operator : JU/SJ
Sample : J4865-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB3P1

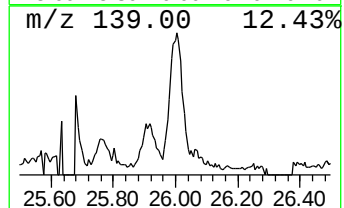
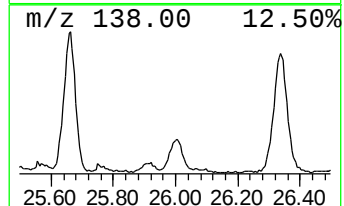
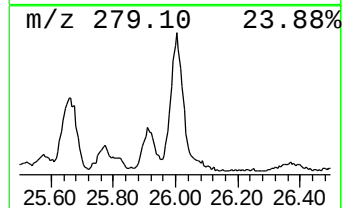
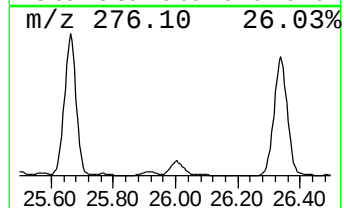
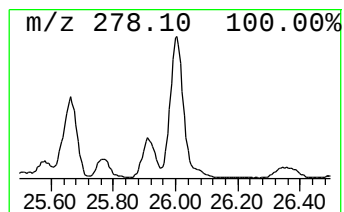
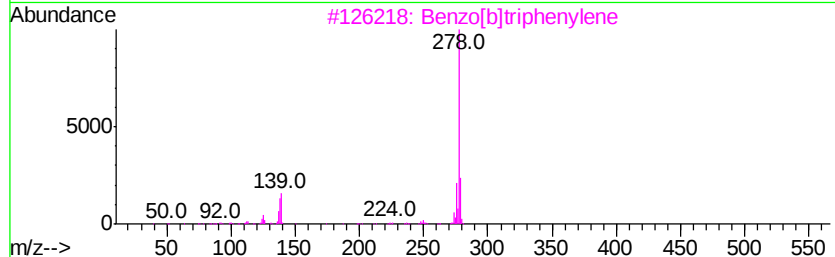
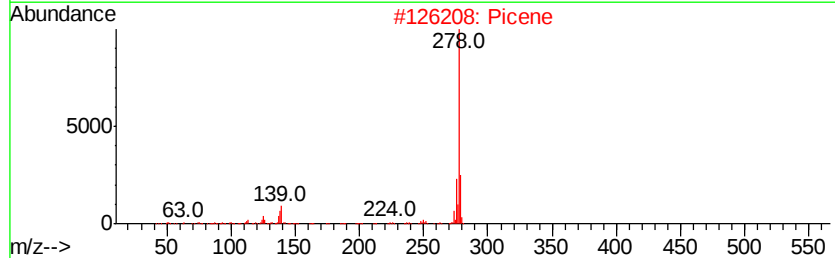
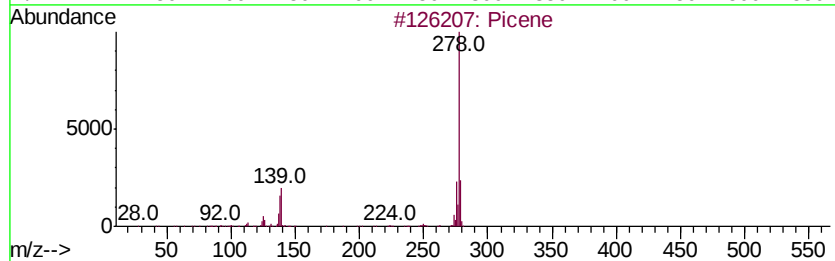
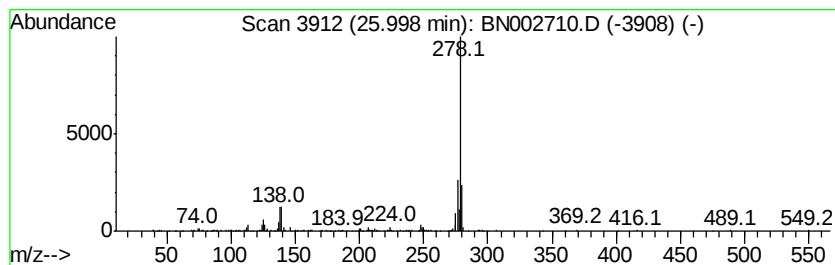
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Picene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.00	3.70 ng/ul	396700	Perylene-d12	23.45

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene		278	C22H14	000213-46-7	98
2	Picene		278	C22H14	000213-46-7	96
3	Benzo[b]triphenylene		278	C22H14	000215-58-7	96
4	Benzo[b]chrysene		278	C22H14	000214-17-5	95
5	Dibenz[a,h]anthracene		278	C22H14	000053-70-3	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091418\
Data File : BN002710.D
Acq On : 15 Sep 2018 03:39
Operator : JU/SJ
Sample : J4865-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

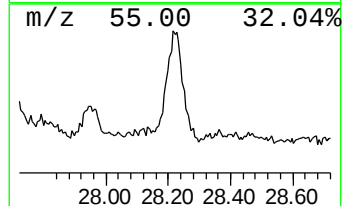
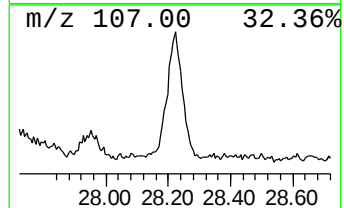
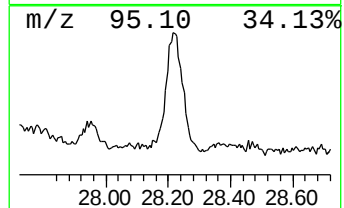
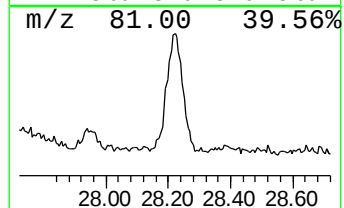
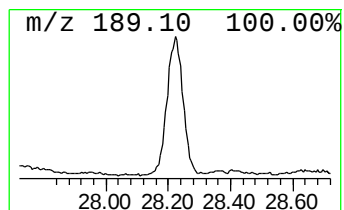
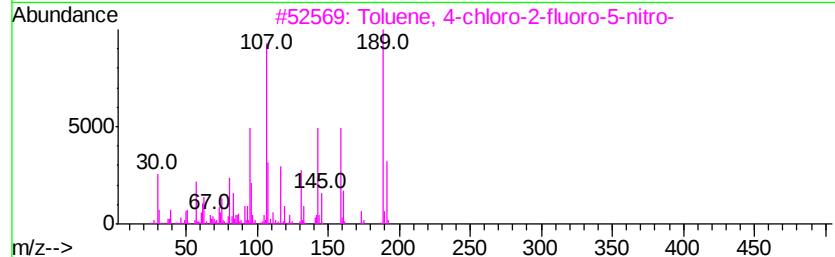
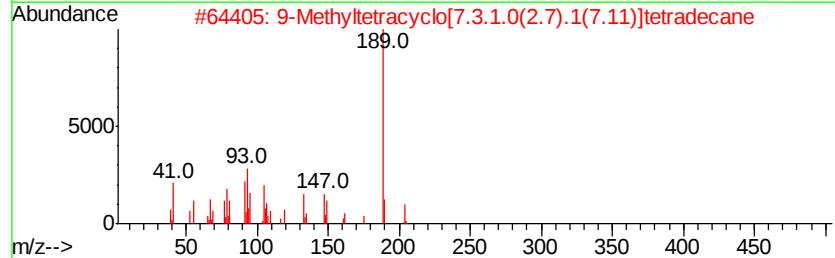
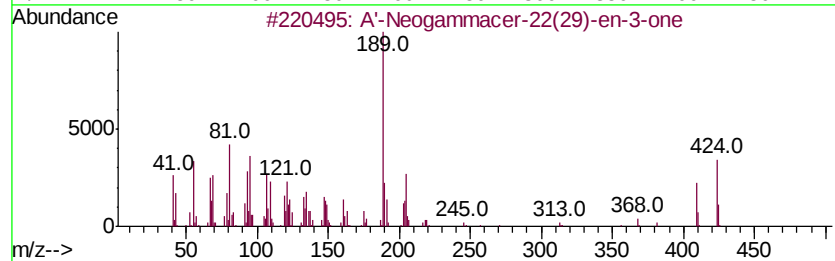
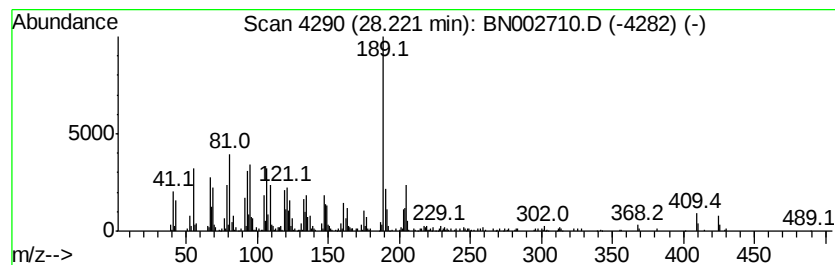
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 A'-Neogammacer-22(29)-en-3-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.22	12.06 ng/ul	1292750	Perylene-d12	23.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	A'-Neogammacer-22(29)-en-3-one	424 C30H48O	025615-11-6	99
2	9-Methyltetracyclo[7.3.1.0(2.7)...	204 C15H24	1000215-30-5	49
3	Toluene, 4-chloro-2-fluoro-5-nitro-	189 C7H5ClFN02	018349-11-6	43
4	Cedrene-V6	204 C15H24	1000162-76-8	38
5	Pentane, -2,2-bis(2-[5-methylfury...	277 C15H19N04	1000221-99-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091418\
Data File : BN002710.D
Acq On : 15 Sep 2018 03:39
Operator : JU/SJ
Sample : J4865-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB3P1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(1S)-2,6,6-Trimet...	6.35	5.8	ng/ul	300682	1	7.65	1044160	20.0
Cyclopenta[cd]pyrene	20.96	2.8	ng/ul	445779	5	21.24	3176550	20.0
Squalene	22.40	2.8	ng/ul	302446	6	23.45	2144530	20.0
(DEL) Alkane: Str...	23.96	4.9	ng/ul	522352	6	23.45	2144530	20.0
(DEL) Alkane: Str...	24.69	2.5	ng/ul	263448	6	23.45	2144530	20.0
Picene	26.00	3.7	ng/ul	396700	6	23.45	2144530	20.0
A'-Neogammacer-22...	28.22	12.1	ng/ul	1292750	6	23.45	2144530	20.0