

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
 Data File : BN010530.D
 Acq On : 16 Apr 2020 23:29
 Operator : CG/JU
 Sample : L2191-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB7A5

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % 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-BN040920MA.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	2.881	12	16	26	rBV	157613	339431	1.93%	0.183%
2	2.958	26	29	35	rVB	57580	77973	0.44%	0.042%
3	3.199	67	70	82	rVB	78901	135747	0.77%	0.073%
4	6.781	671	679	690	rBV	2101685	3405386	19.40%	1.836%
5	6.940	698	706	717	rBV	1732052	2684392	15.29%	1.447%
6	7.134	732	739	752	rVB	2442616	3828862	21.81%	2.064%
7	7.593	808	817	825	rBV	1861657	2885643	16.44%	1.556%
8	8.299	928	937	949	rBV	2979389	4798968	27.34%	2.587%
9	8.728	1002	1010	1018	rBV	2141918	3502404	19.95%	1.888%
10	8.910	1036	1041	1047	rVB4	39867	63135	0.36%	0.034%
11	9.446	1124	1132	1141	rBV	1933958	3117943	17.76%	1.681%
12	9.981	1216	1223	1234	rBV	3269520	5296025	30.17%	2.855%
13	10.352	1279	1286	1293	rBV	2705425	4391352	25.02%	2.368%
14	10.399	1293	1294	1300	rVB	49316	56872	0.32%	0.031%
15	10.487	1302	1309	1323	rBV	2728218	4655890	26.52%	2.510%
16	11.946	1549	1557	1564	rVB2	65567	104387	0.59%	0.056%
17	12.022	1564	1570	1575	rBV2	46159	79512	0.45%	0.043%
18	12.240	1601	1607	1612	rBV	40885	61890	0.35%	0.033%
19	13.545	1820	1829	1833	rBV2	55139	104880	0.60%	0.057%
20	13.640	1839	1845	1851	rVV	5964500	8166420	46.52%	4.403%
21	13.681	1851	1852	1860	rVB	67364	91765	0.52%	0.049%
22	13.910	1884	1891	1906	rBV	6892230	10159453	57.87%	5.478%
23	14.222	1937	1944	1951	rVV	4226177	6228329	35.48%	3.358%
24	14.287	1951	1955	1961	rVB	160447	232341	1.32%	0.125%
25	14.428	1972	1979	1993	rBV	2525593	3929744	22.39%	2.119%
26	14.534	1993	1997	2003	rVV6	31533	87393	0.50%	0.047%
27	14.628	2007	2013	2019	rVV	145528	262099	1.49%	0.141%
28	14.851	2046	2051	2056	rBV5	28789	58301	0.33%	0.031%
29	15.222	2107	2114	2120	rBV	8929158	12578131	71.65%	6.782%
30	15.275	2120	2123	2128	rVB	250016	331602	1.89%	0.179%
31	15.345	2128	2135	2142	rBV	2453542	3361778	19.15%	1.813%
32	15.463	2148	2155	2163	rVB3	109828	227671	1.30%	0.123%
33	15.575	2169	2174	2178	rBV	64024	83570	0.48%	0.045%
34	15.722	2193	2199	2207	rVB	90586	184824	1.05%	0.100%

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35	15.816	2207	2215	2221	rBV8	37677	88127	0.50%	0.048%
36	16.004	2244	2247	2254	rVB3	38912	61621	0.35%	0.033%
37	16.281	2288	2294	2299	rVV2	57396	116144	0.66%	0.063%
38	16.328	2299	2302	2309	rVB4	48829	69820	0.40%	0.038%
39	16.516	2331	2334	2338	rVV4	37262	62497	0.36%	0.034%
40	16.551	2338	2340	2344	rVB3	44198	53659	0.31%	0.029%
41	16.628	2349	2353	2356	rBV3	41152	57343	0.33%	0.031%
42	16.710	2363	2367	2372	rBV3	60517	125177	0.71%	0.067%
43	16.786	2372	2380	2385	rVB2	118574	229831	1.31%	0.124%
44	16.969	2404	2411	2415	rBV	5573338	7728640	44.03%	4.167%
45	17.010	2415	2418	2423	rVV	2332303	3144354	17.91%	1.695%
46	17.069	2423	2428	2441	rVV	10103095	14406815	82.07%	7.768%
47	17.169	2441	2445	2451	rVV5	49292	97278	0.55%	0.052%
48	17.245	2451	2458	2460	rVV7	25766	64493	0.37%	0.035%
49	17.375	2475	2480	2484	rBV	110236	156492	0.89%	0.084%
50	17.498	2497	2501	2505	rVB2	45259	60317	0.34%	0.033%
51	17.551	2505	2510	2515	rBV2	53671	75065	0.43%	0.040%
52	17.845	2554	2560	2564	rVV	355926	505885	2.88%	0.273%
53	17.892	2564	2568	2575	rVB	501242	687175	3.91%	0.370%
54	17.975	2576	2582	2586	rVV2	132850	199816	1.14%	0.108%
55	18.039	2587	2593	2597	rVV2	421872	774680	4.41%	0.418%
56	18.075	2597	2599	2604	rVB	263413	314352	1.79%	0.169%
57	18.192	2608	2619	2625	rBV4	113456	241295	1.37%	0.130%
58	18.351	2641	2646	2654	rVV	234869	327193	1.86%	0.176%
59	18.480	2664	2668	2674	rBV2	47806	78716	0.45%	0.042%
60	18.604	2685	2689	2693	rVV	90848	116259	0.66%	0.063%
61	18.651	2693	2697	2701	rVV	90022	124075	0.71%	0.067%
62	18.692	2701	2704	2708	rVB2	77281	95850	0.55%	0.052%
63	18.775	2713	2718	2723	rBV	224513	366926	2.09%	0.198%
64	18.833	2723	2728	2731	rVV2	142279	271822	1.55%	0.147%
65	18.869	2731	2734	2737	rVB2	92712	115227	0.66%	0.062%
66	18.910	2737	2741	2751	rVB3	130330	253369	1.44%	0.137%
67	19.033	2753	2762	2768	rVV	2976546	4100903	23.36%	2.211%
68	19.098	2769	2773	2777	rVV2	180635	236905	1.35%	0.128%
69	19.145	2777	2781	2785	rVB3	62896	85390	0.49%	0.046%
70	19.257	2791	2800	2802	rBV2	121100	237501	1.35%	0.128%
71	19.375	2814	2820	2823	rBV2	12163308	17554201	100.00%	9.465%

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72	19.475	2831	2837	2845	rVB4	161336	411823	2.35%	0.222%
73	19.580	2851	2855	2862	rBV	146392	211018	1.20%	0.114%
74	19.739	2876	2882	2892	rBV2	202641	451444	2.57%	0.243%
75	19.869	2899	2904	2906	rBV2	171150	291183	1.66%	0.157%
76	19.898	2906	2909	2916	rVB	428156	591981	3.37%	0.319%
77	19.957	2916	2919	2923	rBV5	90706	130476	0.74%	0.070%
78	20.004	2923	2927	2931	rVV	248268	295636	1.68%	0.159%
79	20.057	2931	2936	2941	rVV2	346872	519195	2.96%	0.280%
80	20.098	2941	2943	2947	rVV2	78816	105299	0.60%	0.057%
81	20.145	2948	2951	2954	rVV4	70783	93803	0.53%	0.051%
82	20.198	2955	2960	2964	rVV2	225127	323347	1.84%	0.174%
83	20.245	2964	2968	2972	rVV3	175942	264748	1.51%	0.143%
84	20.392	2990	2993	2997	rVB2	199319	204042	1.16%	0.110%
85	20.457	3001	3004	3007	rBV4	156061	194450	1.11%	0.105%
86	20.651	3034	3037	3044	rVB2	147709	230372	1.31%	0.124%
87	20.816	3062	3065	3069	rVB	183138	231184	1.32%	0.125%
88	20.857	3069	3072	3075	rVV	222499	233517	1.33%	0.126%
89	20.916	3075	3082	3095	rVB5	530719	1135533	6.47%	0.612%
90	21.174	3118	3126	3130	rBV2	6901270	10898715	62.09%	5.876%
91	21.210	3130	3132	3139	rVB	1360783	1460688	8.32%	0.788%
92	21.363	3155	3158	3162	rBV2	224683	215158	1.23%	0.116%
93	21.786	3228	3230	3235	rVB2	399439	416929	2.38%	0.225%
94	22.239	3303	3307	3312	rVB2	567405	714437	4.07%	0.385%
95	22.698	3381	3385	3387	rBV	818874	1220986	6.96%	0.658%
96	22.727	3388	3390	3396	rVB4	1121287	1628851	9.28%	0.878%
97	23.210	3466	3472	3477	rBV	7435470	12663614	72.14%	6.828%
98	23.345	3488	3495	3503	rVB	3944834	7052094	40.17%	3.802%
99	23.898	3583	3589	3598	rBV3	1194484	3229061	18.39%	1.741%
100	24.604	3705	3709	3719	rVB	568590	1193583	6.80%	0.644%

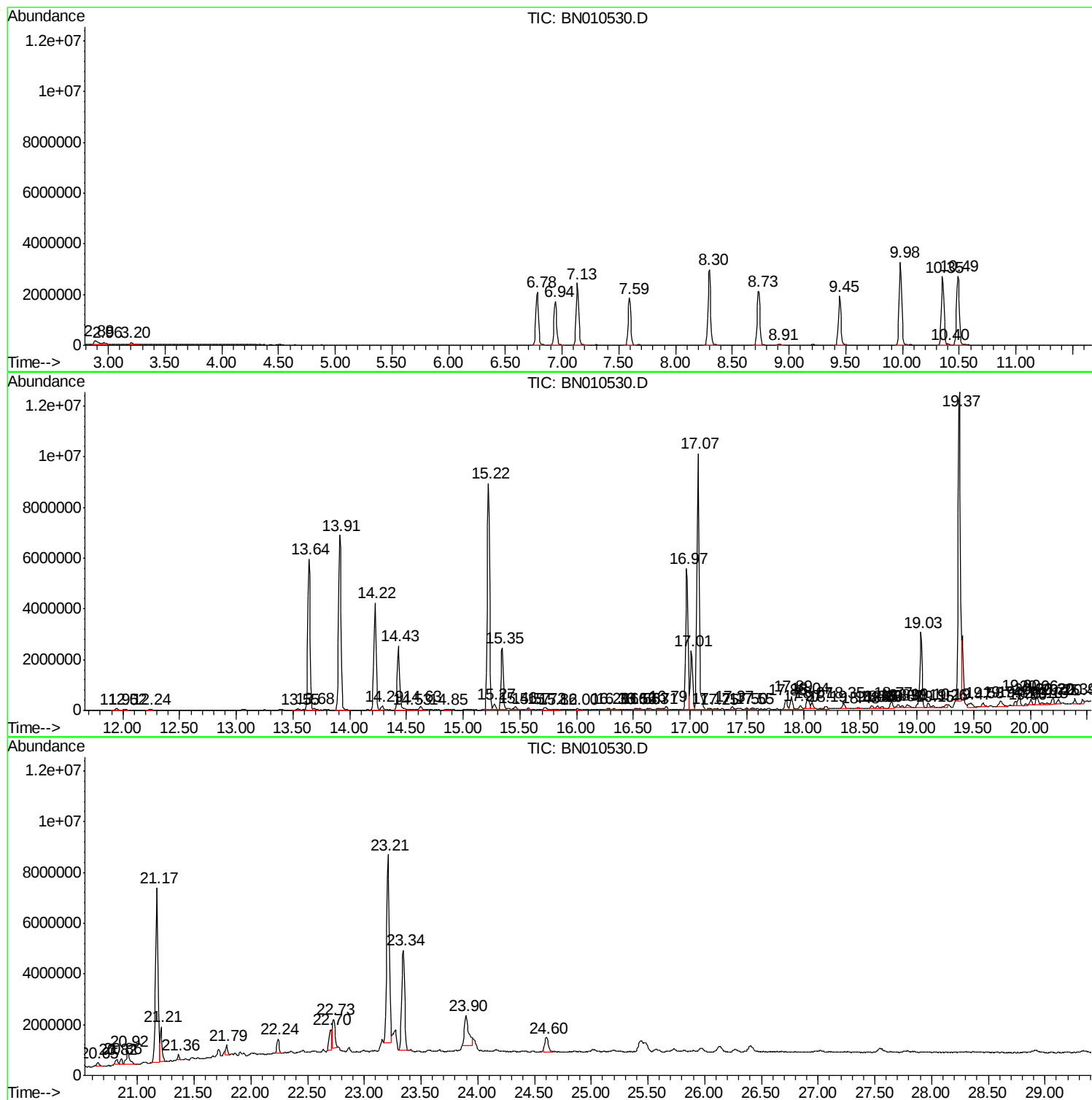
Sum of corrected areas: 185472493

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

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



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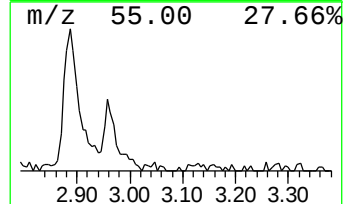
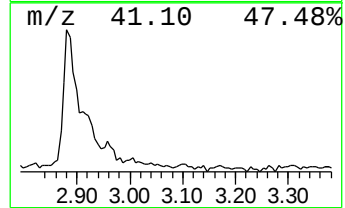
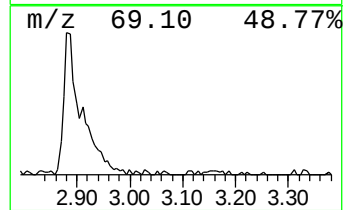
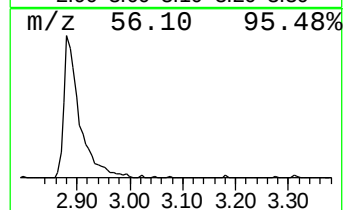
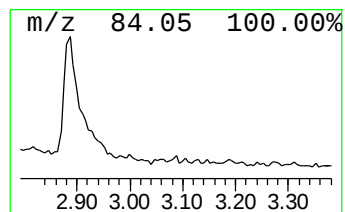
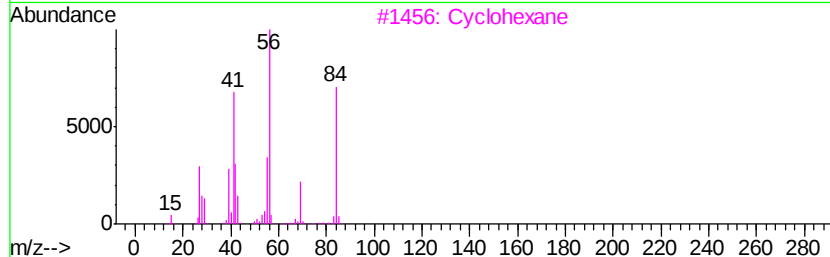
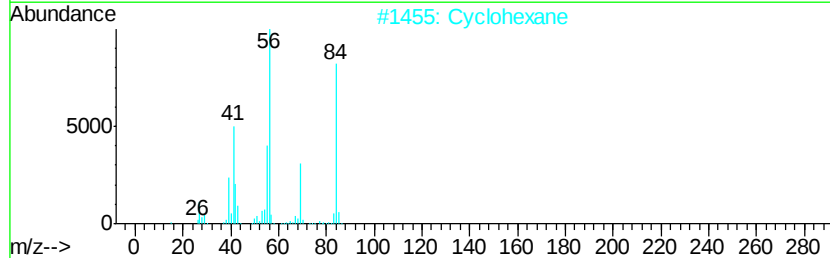
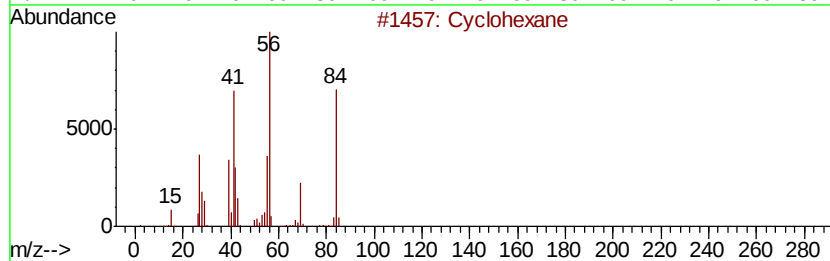
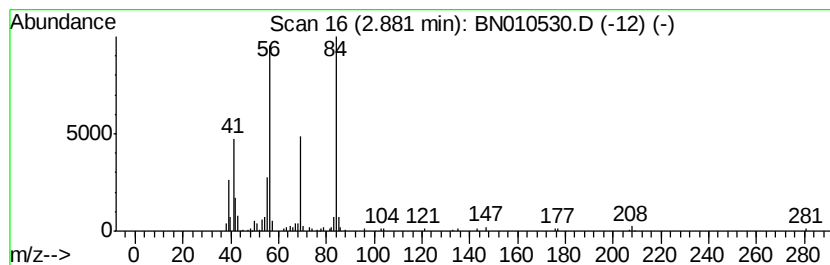
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic2.88 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	2.35 ng/ul	339431	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane	84	C6H12	000110-82-7	87
2		Cyclohexane	84	C6H12	000110-82-7	87
3		Cyclohexane	84	C6H12	000110-82-7	87
4		Cyclohexane	84	C6H12	000110-82-7	86
5		Pyridine-D5-	84	C5D5N	007291-22-7	72



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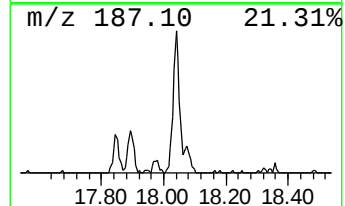
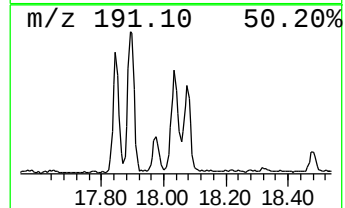
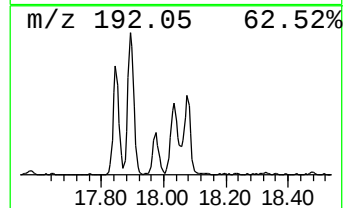
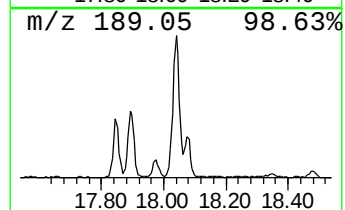
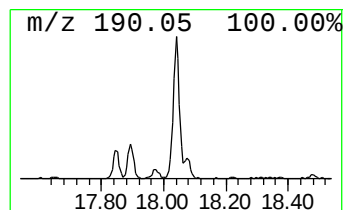
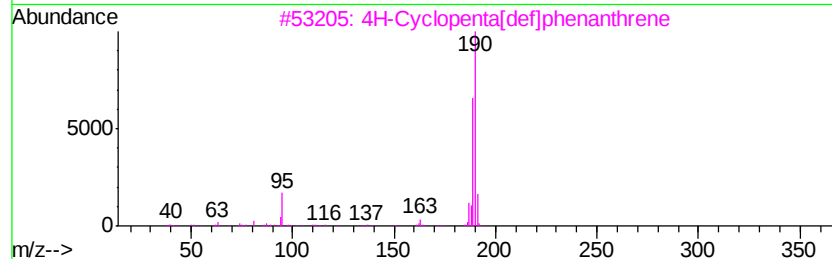
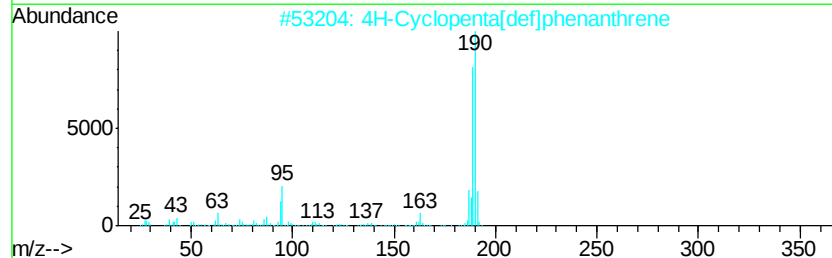
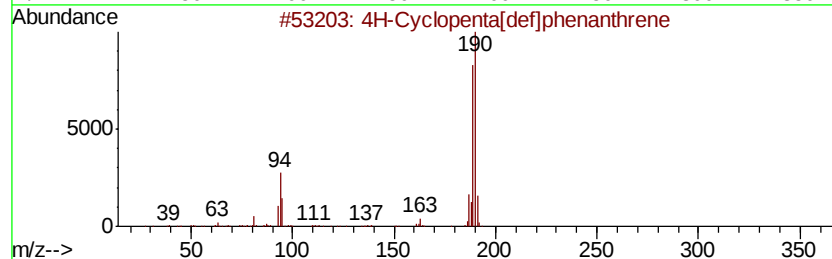
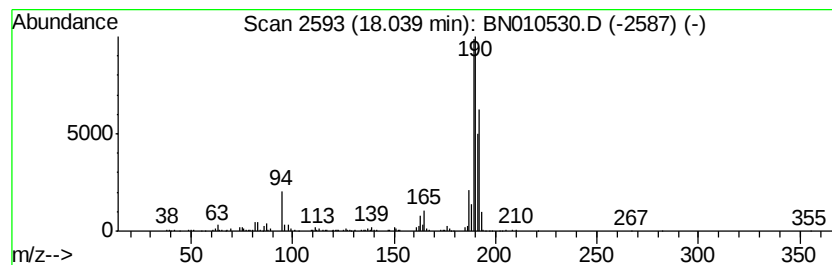
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.00 ng/ul	774680	Phenanthrene-d10	16.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4		1-(3-Nitro-phenyl)-pyrrolidine	192	C10H12N2O2	1000300-34-7	25
5		8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	25



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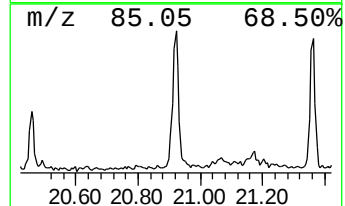
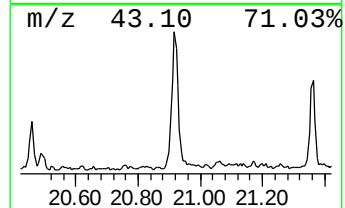
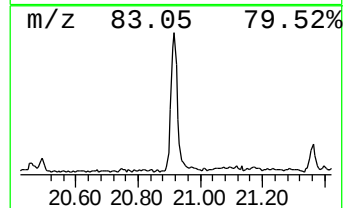
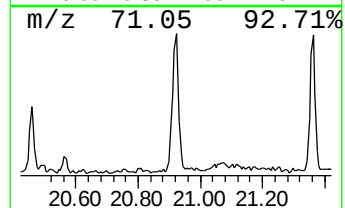
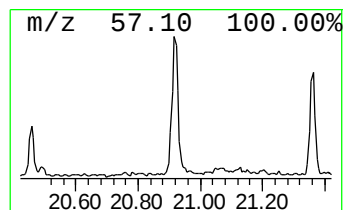
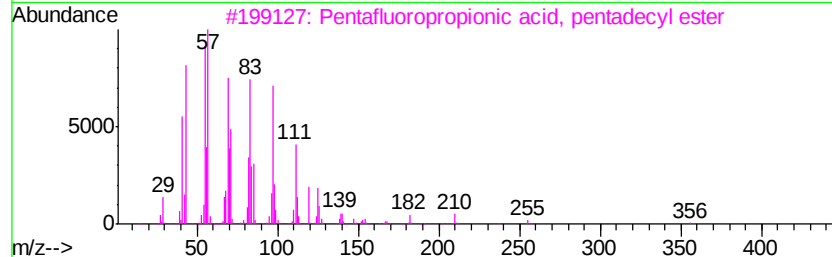
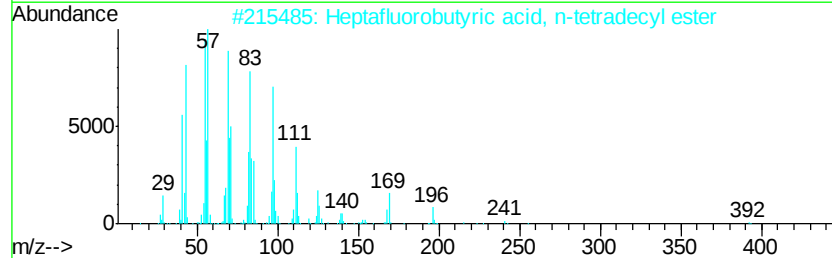
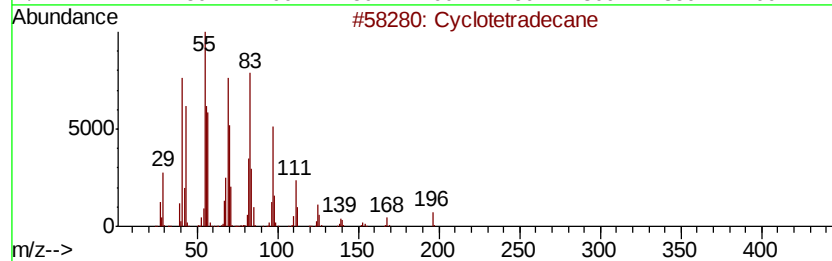
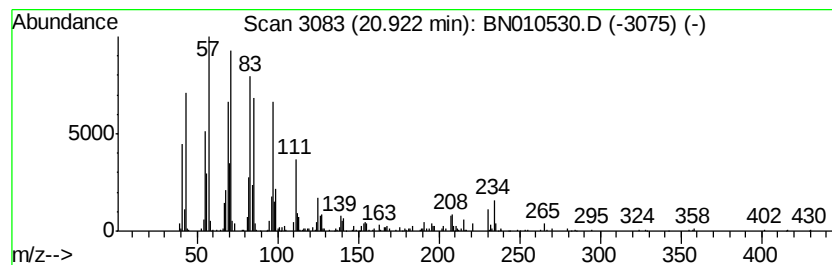
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Peak Number 3 (DEL) Alkane: Cyclic20.92 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.08 ng/ul	1135530	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	90
2		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	83
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	81
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	81
5		n-Pentadecanol	228	C15H32O	000629-76-5	74



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Acq On : 16 Apr 2020 23:29
Operator : CG/JU
Sample : L2191-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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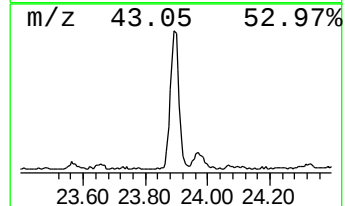
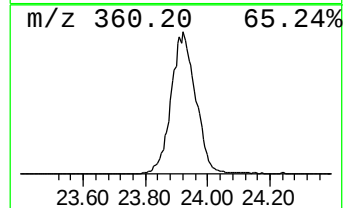
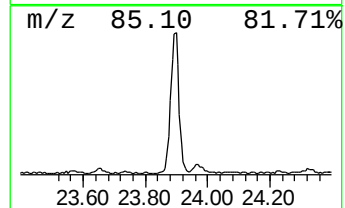
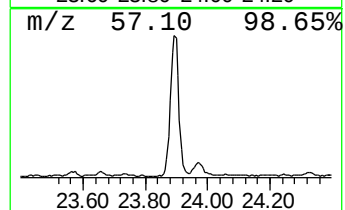
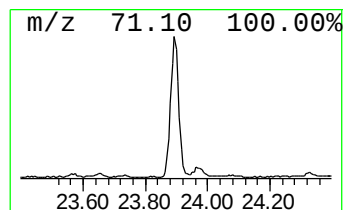
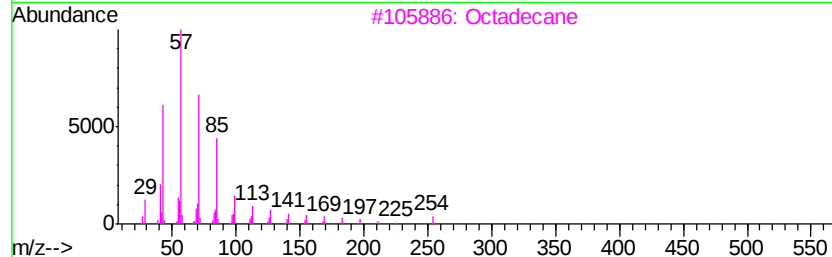
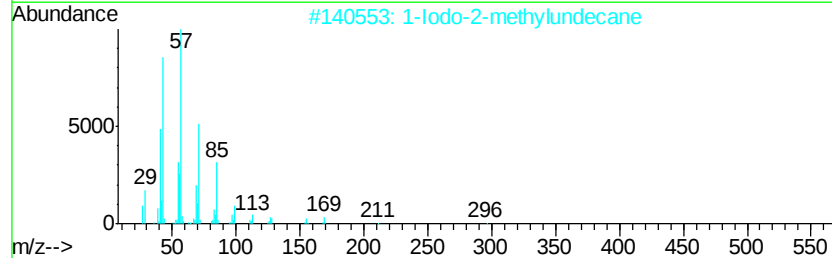
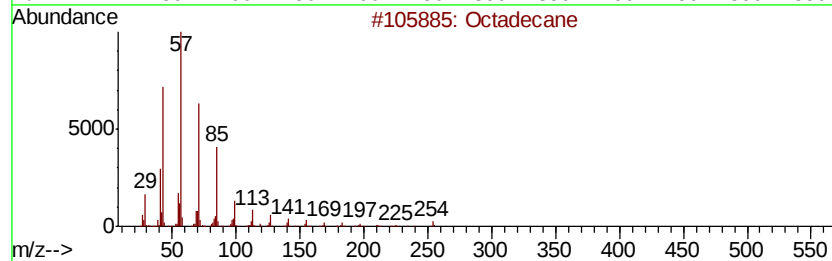
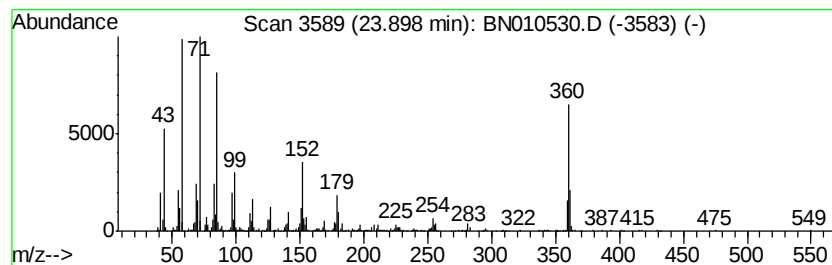
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	9.16 ng/ul	3229060	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	90
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	83
3		Octadecane	254	C18H38	000593-45-3	78
4		Hexadecane	226	C16H34	000544-76-3	78
5		Tetratetracontane	619	C44H90	007098-22-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010530.D
Acq On : 16 Apr 2020 23:29
Operator : CG/JU
Sample : L2191-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB7A5

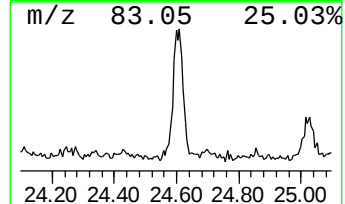
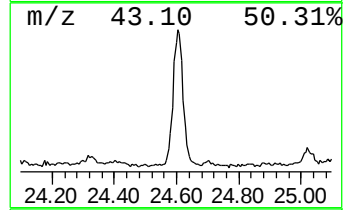
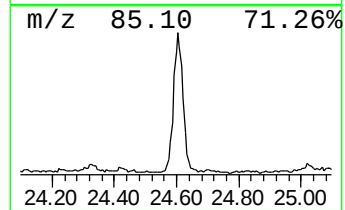
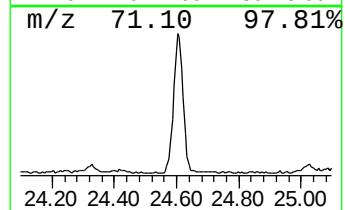
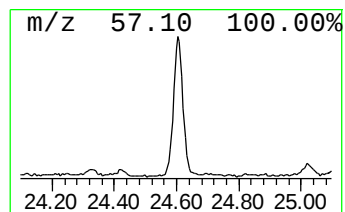
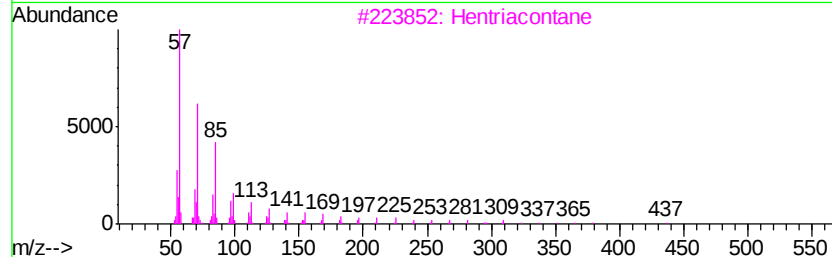
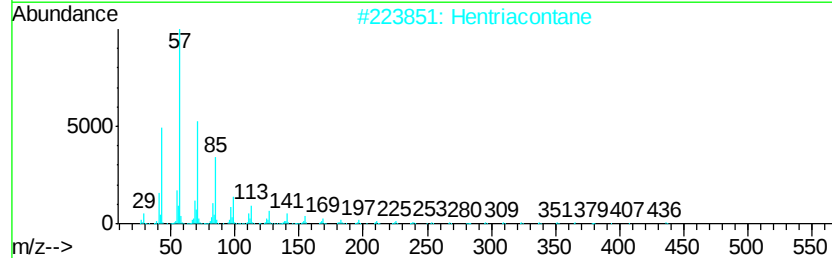
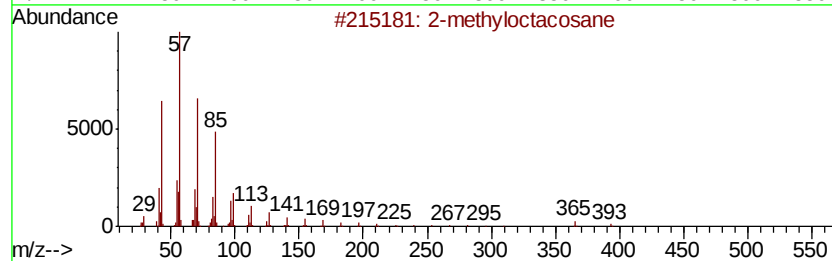
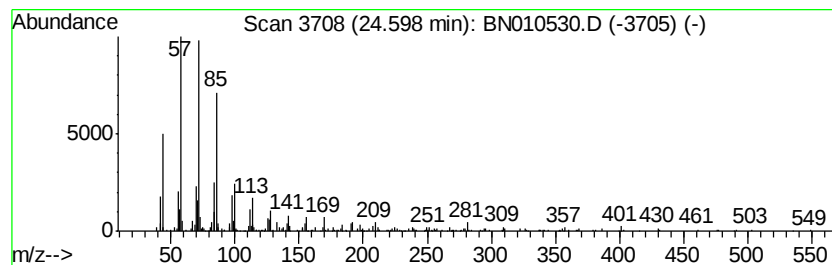
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	3.39 ng/ul	1193580	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Hentriacontane	437	C31H64	000630-04-6	91
4		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	90
5		Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN041620\
Data File : BN010530.D
Acq On : 16 Apr 2020 23:29
Operator : CG/JU
Sample : L2191-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB7A5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.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
(DEL) Alkane: Cyc...	2.88	2.4	ng/ul	339431	1	7.59	2885640	20.0
4H-Cyclopenta[def...	18.04	2.0	ng/ul	774680	4	16.97	7728640	20.0
(DEL) Alkane: Cyc...	20.92	2.1	ng/ul	1135530	5	21.17	10898700	20.0
(DEL) Alkane: Str...	23.90	9.2	ng/ul	3229060	6	23.34	7052090	20.0
(DEL) Alkane: Str...	24.60	3.4	ng/ul	1193580	6	23.34	7052090	20.0