

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM020620\
 Data File : BM024789.D
 Acq On : 08 Feb 2020 08:28
 Operator : CG/JU
 Sample : L1400-09
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6H5

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_M\METHODS\SOM-EPA-BM020620MA.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	3.016	18	22	30	rVB	54471	73193	1.18%	0.073%
2	3.710	136	140	147	rBV	28833	42205	0.68%	0.042%
3	3.928	173	177	185	rVB2	24887	36920	0.59%	0.037%
4	4.593	286	290	296	rBV	34745	45857	0.74%	0.046%
5	6.599	625	631	644	rVB	791965	1227669	19.78%	1.231%
6	6.757	652	658	670	rBV	718982	1082830	17.45%	1.085%
7	6.946	683	690	701	rBV	932229	1436570	23.15%	1.440%
8	7.404	761	768	779	rBV	1078808	1647210	26.54%	1.651%
9	8.116	882	889	902	rBV	994716	1565977	25.23%	1.570%
10	8.540	953	961	977	rBV	843865	1390583	22.41%	1.394%
11	8.734	990	994	1002	rVB2	39732	61390	0.99%	0.062%
12	9.034	1040	1045	1053	rVB	120859	175307	2.82%	0.176%
13	9.257	1076	1083	1095	rBV	754481	1226224	19.76%	1.229%
14	9.792	1168	1174	1187	rBV	1146518	1899833	30.61%	1.904%
15	10.163	1229	1237	1243	rBV	1392286	2305000	37.14%	2.310%
16	10.210	1243	1245	1250	rVV	34037	42574	0.69%	0.043%
17	10.304	1254	1261	1288	rVB	1027817	1791545	28.87%	1.796%
18	11.763	1502	1509	1517	rBV	23601	40106	0.65%	0.040%
19	11.839	1517	1522	1533	rVV2	27650	44836	0.72%	0.045%
20	12.063	1552	1560	1564	rBV	24263	36198	0.58%	0.036%
21	13.375	1778	1783	1788	rBV3	29662	48082	0.77%	0.048%
22	13.480	1795	1801	1808	rBV	2304929	3067075	49.42%	3.074%
23	13.739	1839	1845	1857	rBV	2361696	3652083	58.85%	3.661%
24	14.057	1893	1899	1906	rVV	2285360	3270393	52.70%	3.278%
25	14.122	1906	1910	1915	rVB	61647	86864	1.40%	0.087%
26	14.280	1930	1937	1950	rBV	695014	1189902	19.17%	1.193%
27	14.463	1963	1968	1975	rBV2	52143	98775	1.59%	0.099%
28	15.057	2058	2069	2075	rBV	3215159	4634018	74.67%	4.645%
29	15.110	2075	2078	2084	rVB2	89466	133540	2.15%	0.134%
30	15.192	2086	2092	2099	rBV	917145	1257481	20.26%	1.260%
31	15.304	2104	2111	2115	rVB2	36014	67098	1.08%	0.067%
32	15.416	2126	2130	2134	rBV	33480	40643	0.65%	0.041%
33	15.563	2150	2155	2161	rVV2	35528	84079	1.35%	0.084%
34	16.127	2241	2251	2256	rBV4	23470	56731	0.91%	0.057%

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35	16.380	2282	2294	2301	rBV5	61516	167875	2.71%	0.168%
36	16.468	2305	2309	2313	rBV3	28189	43260	0.70%	0.043%
37	16.557	2319	2324	2329	rBV3	30916	64135	1.03%	0.064%
38	16.627	2333	2336	2342	rVV	68062	95087	1.53%	0.095%
39	16.810	2359	2367	2371	rBV	2815833	3932309	63.36%	3.941%
40	16.851	2371	2374	2379	rVB	1043015	1322050	21.30%	1.325%
41	16.910	2379	2384	2388	rBV2	3360056	4579369	73.79%	4.590%
42	17.221	2433	2437	2442	rBV	57759	116979	1.88%	0.117%
43	17.398	2464	2467	2471	rVB4	31251	40348	0.65%	0.040%
44	17.686	2512	2516	2520	rBV	164155	229032	3.69%	0.230%
45	17.739	2520	2525	2533	rVB	238230	368554	5.94%	0.369%
46	17.815	2533	2538	2543	rBV2	80213	119444	1.92%	0.120%
47	17.880	2543	2549	2553	rVV2	255922	425787	6.86%	0.427%
48	17.921	2553	2556	2566	rVB	137184	187164	3.02%	0.188%
49	18.057	2574	2579	2582	rVV6	31947	52240	0.84%	0.052%
50	18.198	2598	2603	2608	rBV	136377	198005	3.19%	0.198%
51	18.451	2642	2646	2651	rVV2	58893	107510	1.73%	0.108%
52	18.498	2651	2654	2658	rVV	53962	80261	1.29%	0.080%
53	18.539	2658	2661	2664	rVB2	43505	55191	0.89%	0.055%
54	18.621	2670	2675	2680	rBV2	148897	237686	3.83%	0.238%
55	18.680	2680	2685	2688	rBV3	71838	127234	2.05%	0.128%
56	18.757	2694	2698	2706	rBV	122508	220243	3.55%	0.221%
57	18.880	2710	2719	2726	rBV	2149083	2897951	46.70%	2.905%
58	19.033	2742	2745	2750	rVB	43191	56661	0.91%	0.057%
59	19.121	2758	2760	2767	rVV3	64824	109162	1.76%	0.109%
60	19.215	2770	2776	2779	rVV	4278425	5956820	95.99%	5.971%
61	19.245	2779	2781	2786	rVV	1998603	2200978	35.47%	2.206%
62	19.286	2786	2788	2791	rVV3	70973	89208	1.44%	0.089%
63	19.321	2791	2794	2803	rVB2	104554	201791	3.25%	0.202%
64	19.433	2809	2813	2816	rBV	119867	144770	2.33%	0.145%
65	19.586	2833	2839	2845	rBV2	168549	364517	5.87%	0.365%
66	19.668	2851	2853	2857	rBV4	32902	46635	0.75%	0.047%
67	19.721	2857	2862	2864	rVV3	154384	286574	4.62%	0.287%
68	19.751	2864	2867	2871	rVB	256119	349170	5.63%	0.350%
69	19.827	2877	2880	2881	rBV2	64906	60596	0.98%	0.061%
70	19.851	2882	2884	2888	rVB	124163	144805	2.33%	0.145%
71	19.909	2889	2894	2898	rBV2	275387	408785	6.59%	0.410%

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72	19.998	2906	2909	2912	rBV2	45800	61639	0.99%	0.062%
73	20.045	2914	2917	2922	rVV	168005	211477	3.41%	0.212%
74	20.092	2922	2925	2930	rBV	151767	211332	3.41%	0.212%
75	20.503	2991	2995	3003	rVB	189799	287492	4.63%	0.288%
76	20.668	3018	3023	3027	rBV3	157598	255324	4.11%	0.256%
77	20.709	3027	3030	3033	rVV	178981	200293	3.23%	0.201%
78	20.739	3033	3035	3038	rVV	153673	161461	2.60%	0.162%
79	20.780	3038	3042	3054	rVB4	726961	1265896	20.40%	1.269%
80	21.021	3076	3083	3087	rBV2	4070766	6205889	100.00%	6.220%
81	21.056	3087	3089	3097	rVB	1111512	1386064	22.33%	1.389%
82	21.233	3115	3119	3123	rBV	428107	523570	8.44%	0.525%
83	21.562	3173	3175	3179	rVB	261776	266379	4.29%	0.267%
84	21.650	3186	3190	3197	rBV2	926656	1245890	20.08%	1.249%
85	22.086	3260	3264	3268	rVB	1086004	1296484	20.89%	1.299%
86	22.292	3296	3299	3306	rVB3	482278	614481	9.90%	0.616%
87	22.509	3331	3336	3340	rBV	1111384	2144196	34.55%	2.149%
88	22.556	3340	3344	3348	rVV2	1841894	2876867	46.36%	2.884%
89	22.592	3348	3350	3358	rVB2	665669	946510	15.25%	0.949%
90	22.950	3407	3411	3414	rBV	517494	798295	12.86%	0.800%
91	22.997	3414	3419	3423	rVV	2702129	4530909	73.01%	4.541%
92	23.033	3423	3425	3429	rVV	661937	865613	13.95%	0.868%
93	23.086	3429	3434	3436	rVV	970060	1401111	22.58%	1.404%
94	23.127	3436	3441	3447	rVB	2348688	3923987	63.23%	3.933%
95	23.362	3478	3481	3486	rVB4	382407	583136	9.40%	0.584%
96	23.680	3530	3535	3541	rVB	1279762	2145274	34.57%	2.150%
97	23.744	3542	3546	3556	rVB	568736	1069617	17.24%	1.072%
98	24.362	3647	3651	3657	rVB	507272	945702	15.24%	0.948%
99	24.762	3715	3719	3727	rVB5	400227	828786	13.35%	0.831%
100	25.162	3781	3787	3799	rVB3	842150	2568995	41.40%	2.575%

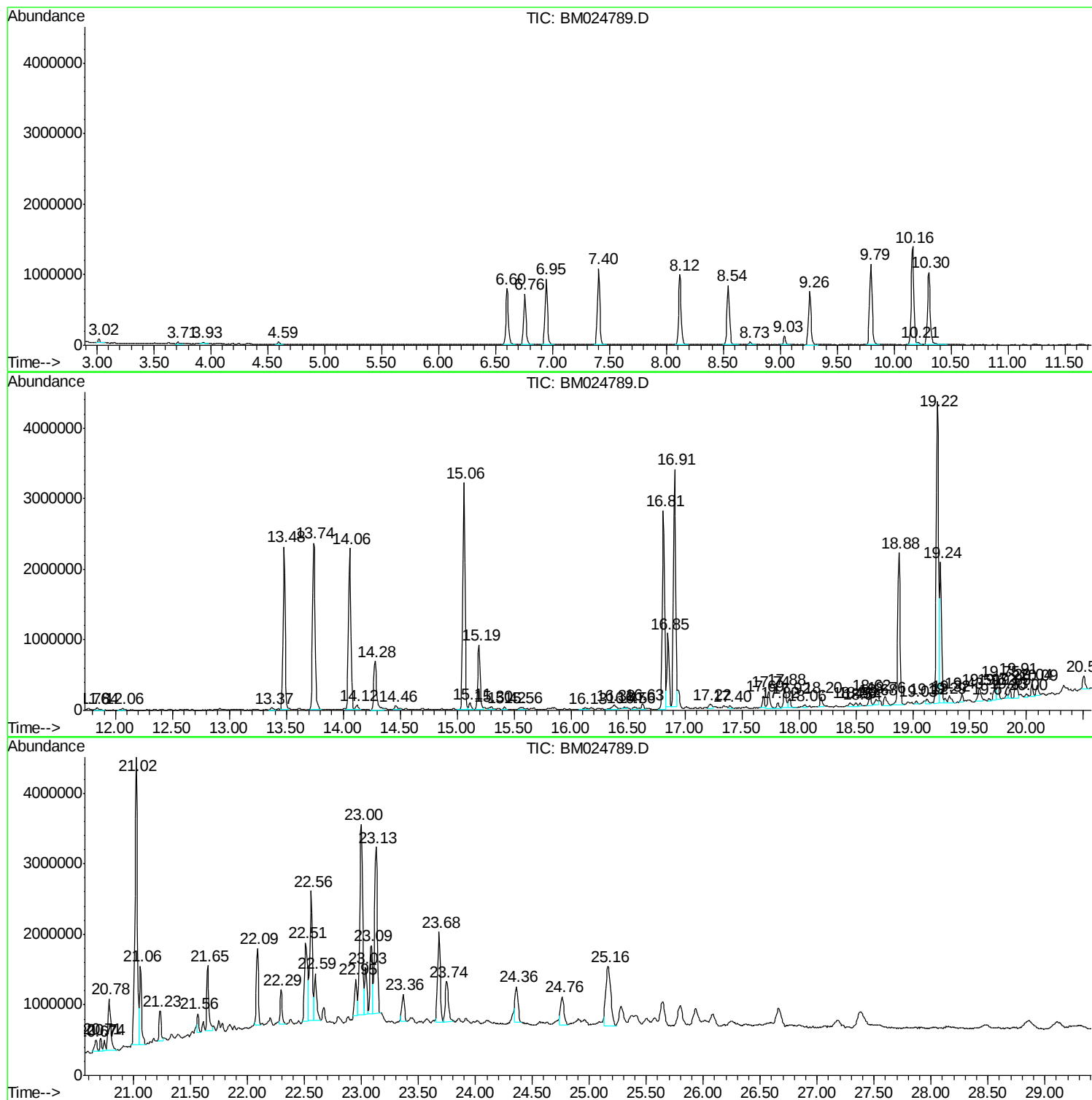
Sum of corrected areas: 99769646

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



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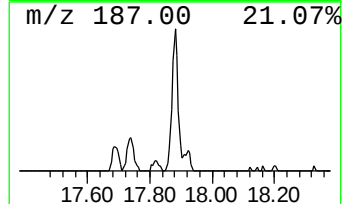
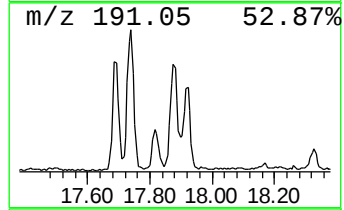
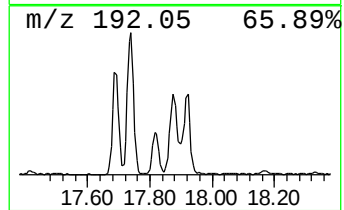
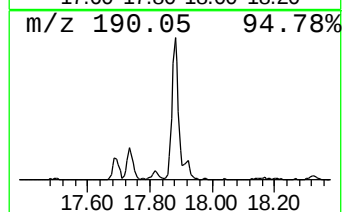
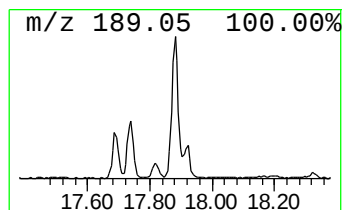
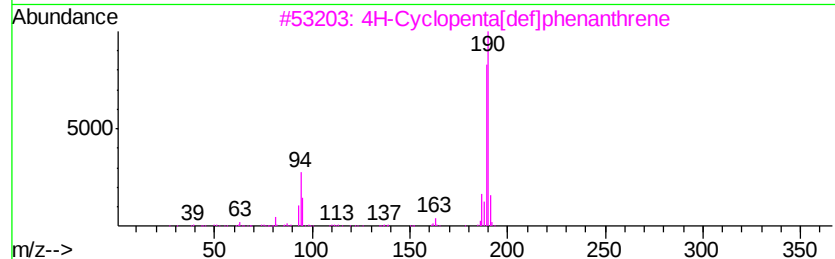
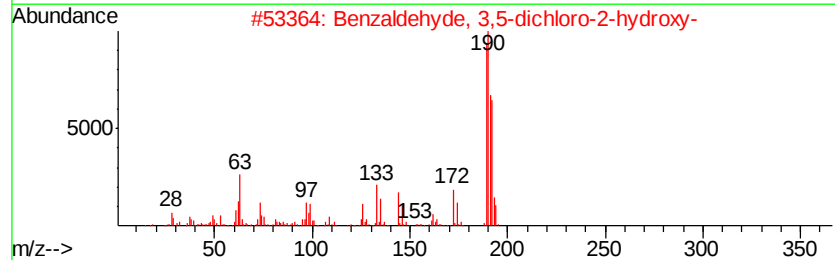
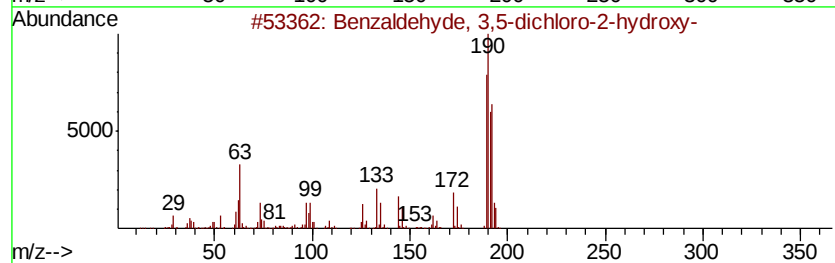
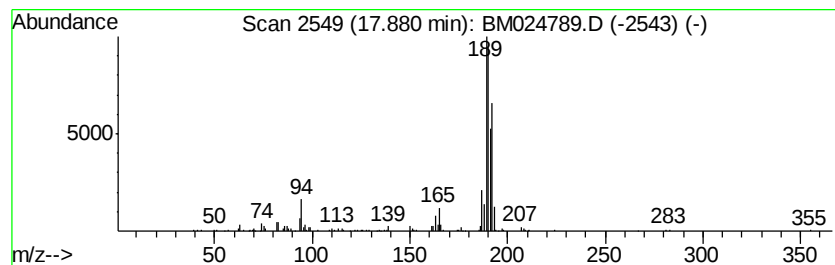
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzaldehyde, 3,5-dichloro-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	2.17 ng/ul	425787	Phenanthrene-d10	16.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4		2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	42
5		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	41



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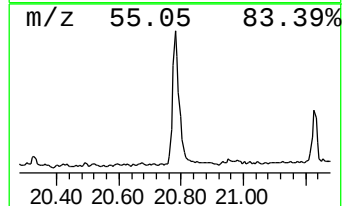
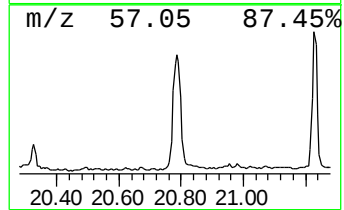
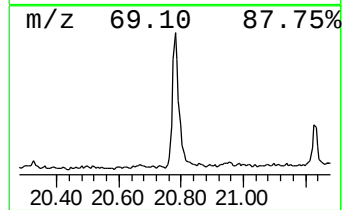
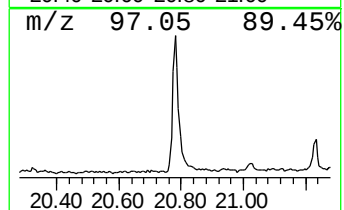
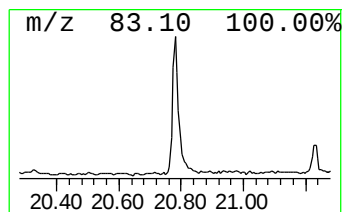
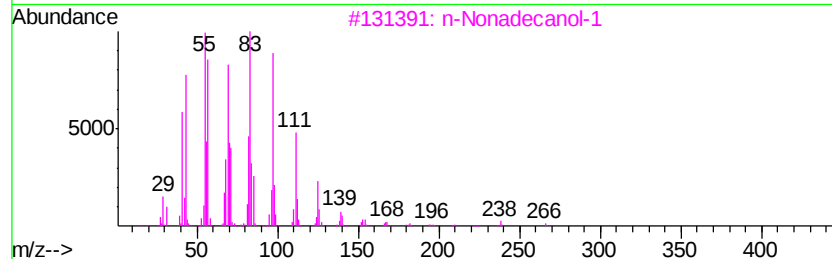
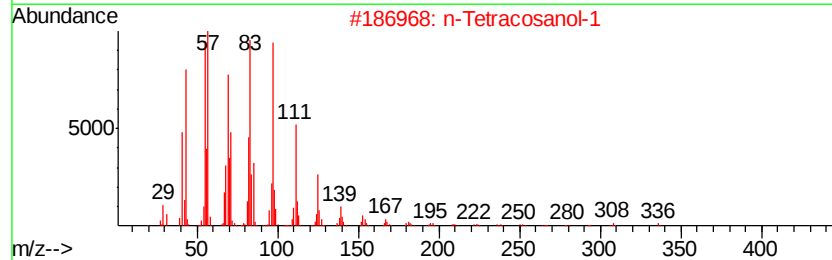
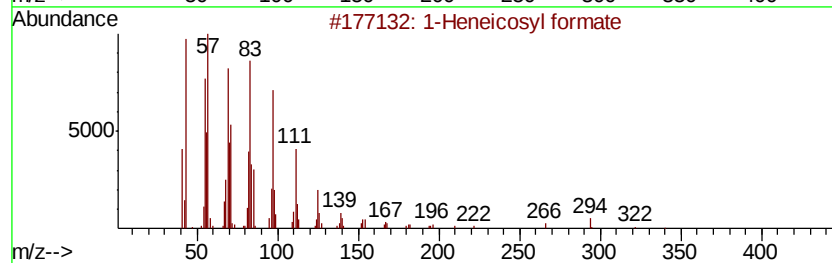
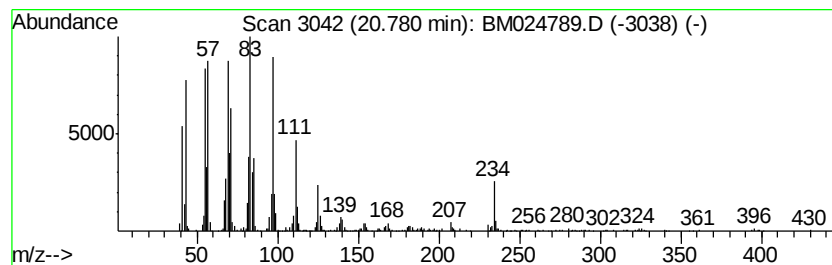
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Peak Number 2 1-Heneicosyl formate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	4.08 ng/ul	1265900	Chrysene-d12	21.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4		9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5		1-Heptacosanol	396	C27H56O	002004-39-9	91



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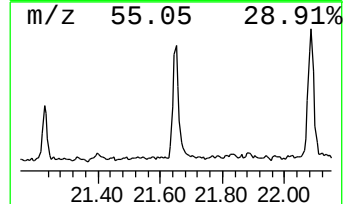
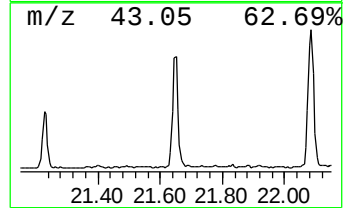
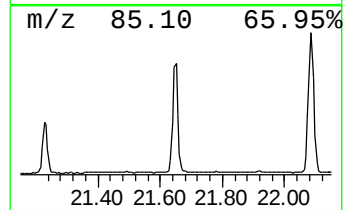
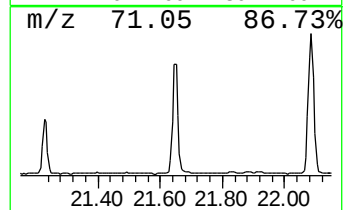
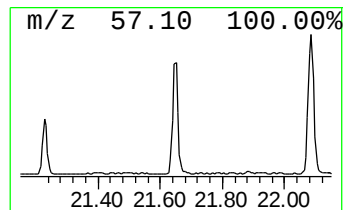
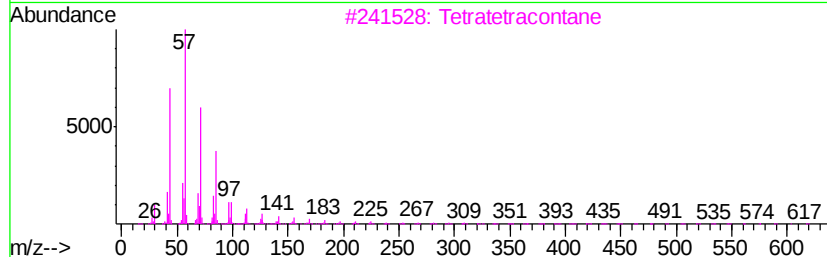
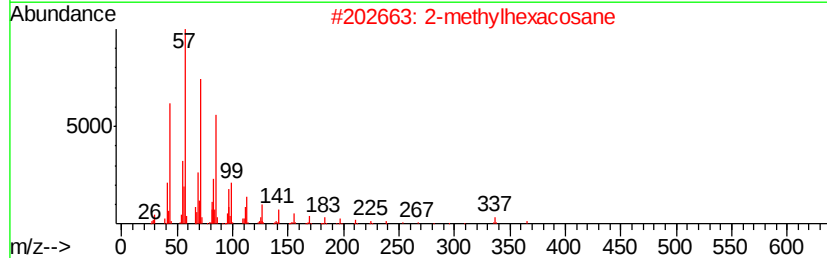
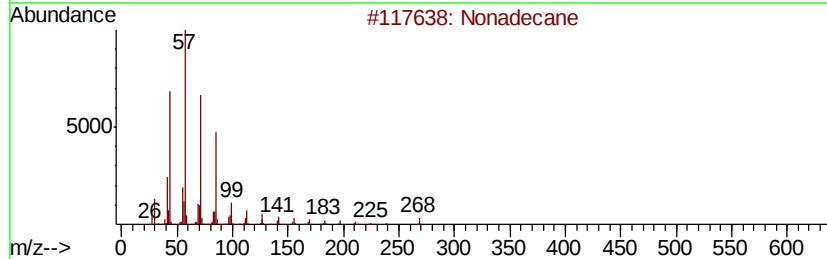
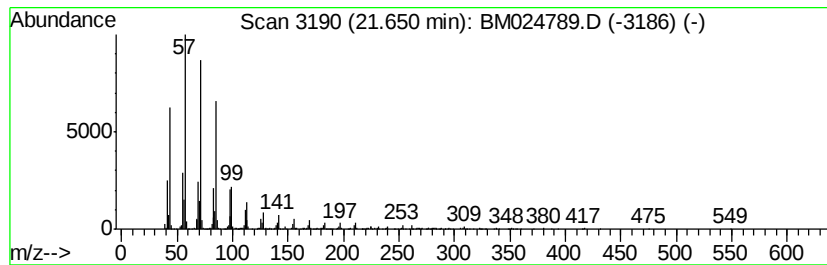
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.65	4.02 ng/ul	1245890	Chrysene-d12	21.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	2-methylhexacosane	380	C27H56	1000376-72-7	91
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Octacosane	394	C28H58	000630-02-4	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90



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Data File : BM024789.D
Acq On : 08 Feb 2020 08:28
Operator : CG/JU
Sample : L1400-09
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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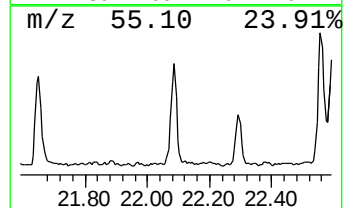
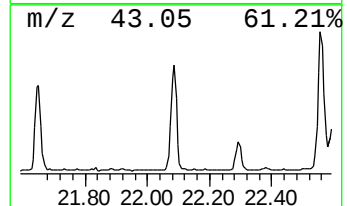
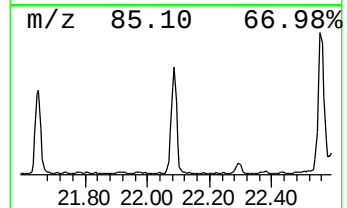
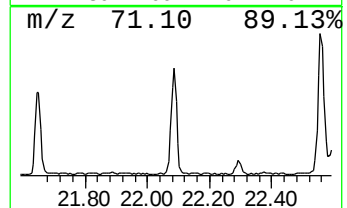
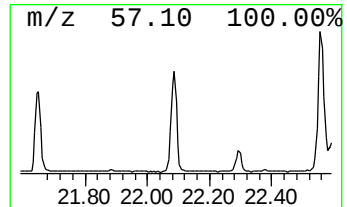
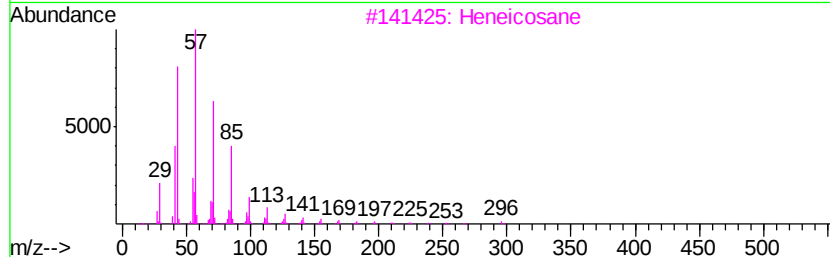
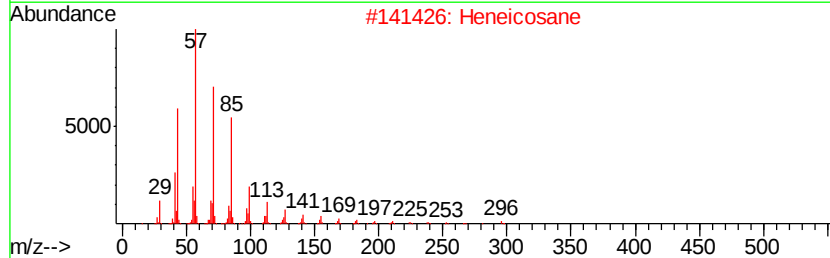
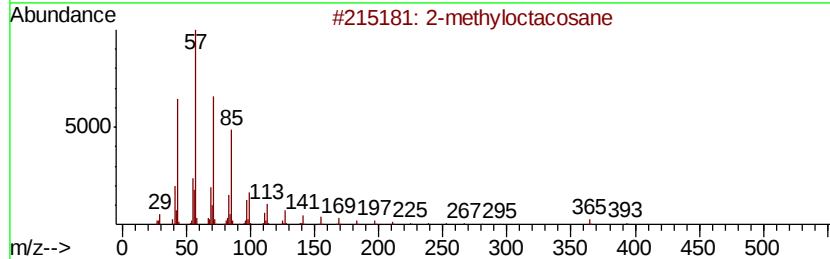
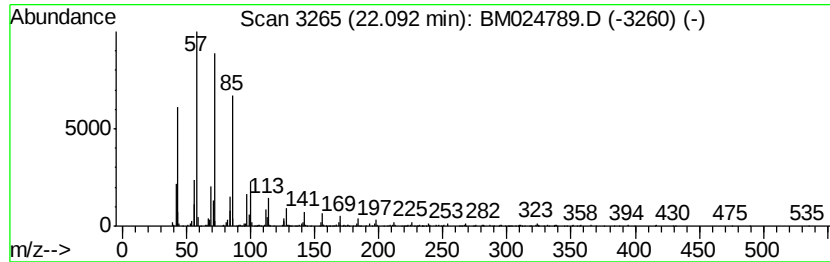
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.09	6.61 ng/ul	1296480	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM020620\
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Sample : L1400-09
Misc :
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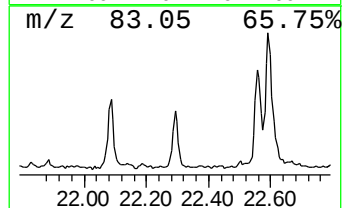
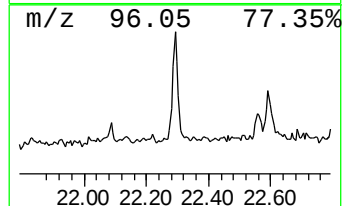
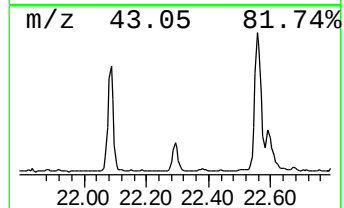
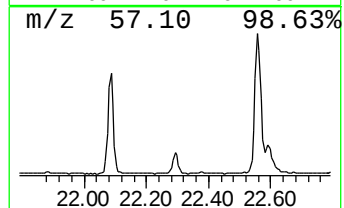
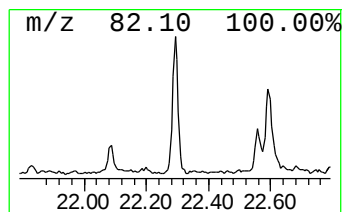
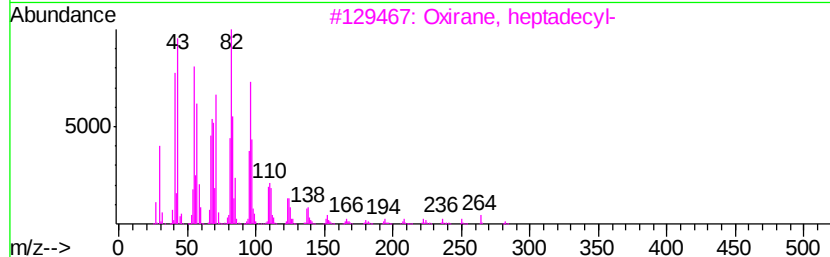
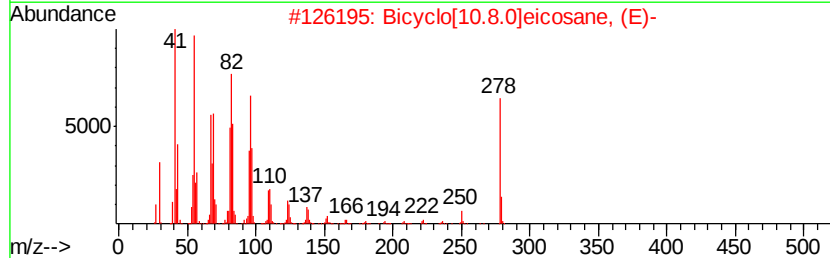
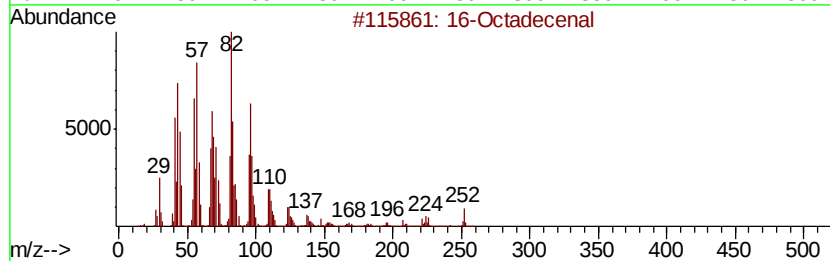
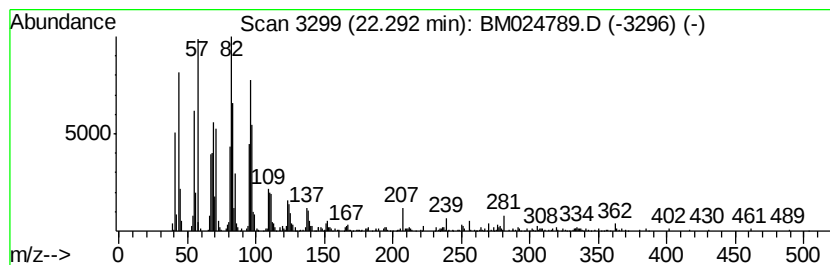
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 16-Octadecenal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	3.13 ng/ul	614481	Perylene-d12	23.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	16-Octadecenal		266 C18H34O	056554-87-1 93
2	Bicyclo[10.8.0]eicosane, (E)-		278 C20H38	1000155-85-0 92
3	Oxirane, heptadecyl-		282 C19H38O	067860-04-2 91
4	17-Octadecenal		266 C18H34O	056554-86-0 91
5	14-Octadecenal		266 C18H34O	056554-89-3 91



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM020620\
Data File : BM024789.D
Acq On : 08 Feb 2020 08:28
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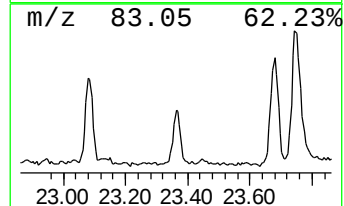
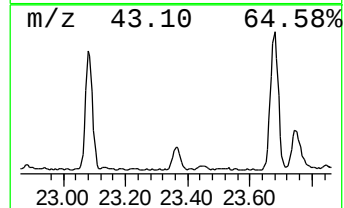
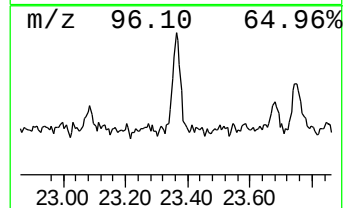
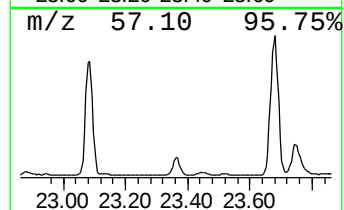
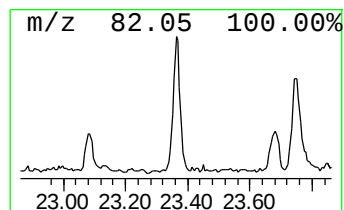
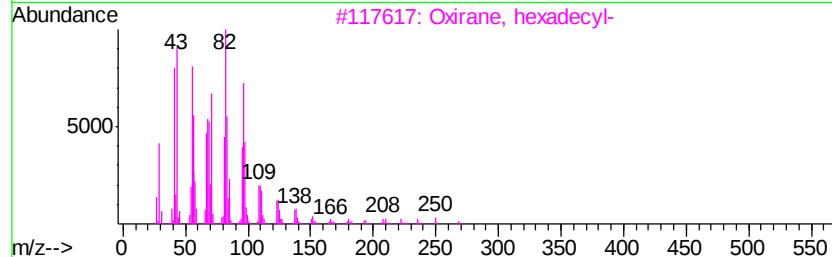
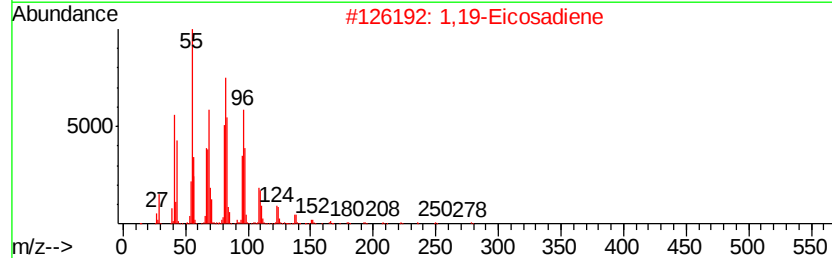
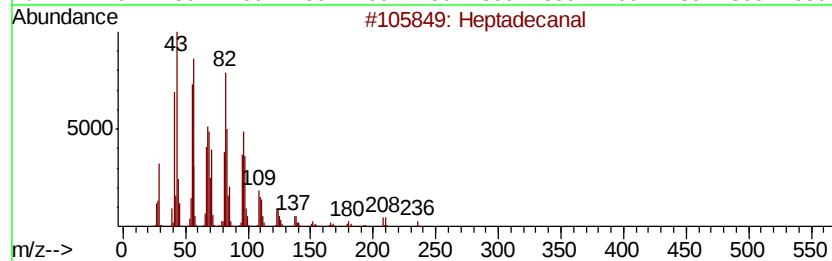
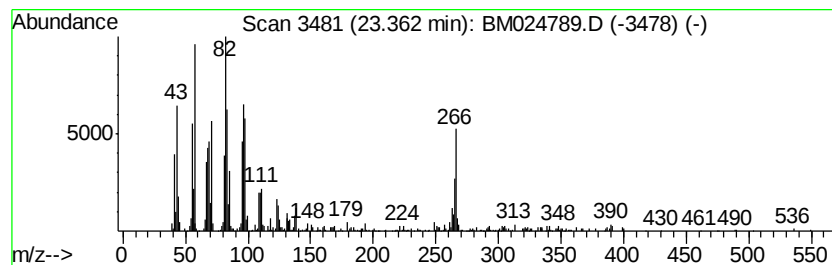
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Heptadecanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	2.97 ng/ul	583136	Perylene-d12	23.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanal		254	C17H34O	1000376-70-0	93
2	1,19-Eicosadiene		278	C20H38	014811-95-1	91
3	Oxirane, hexadecyl-		268	C18H36O	007390-81-0	62
4	Octadecanal		268	C18H36O	000638-66-4	62
5	11-Tetradecyn-1-ol acetate		252	C16H28O2	033925-72-3	62



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM020620\
Data File : BM024789.D
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Misc :
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ClientSampleId :
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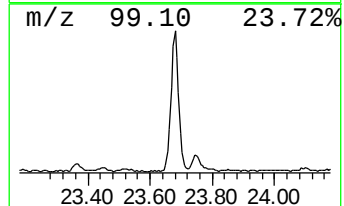
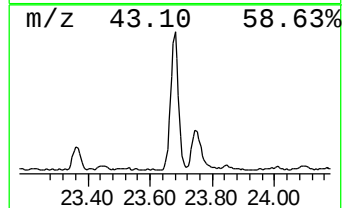
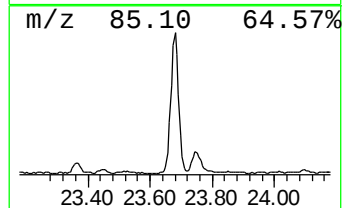
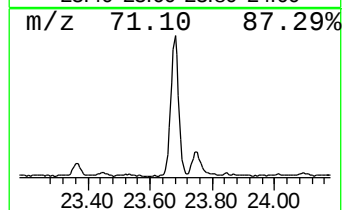
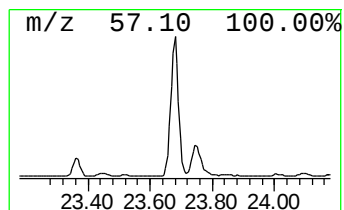
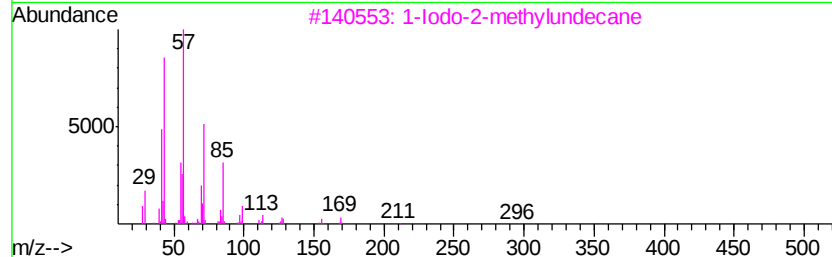
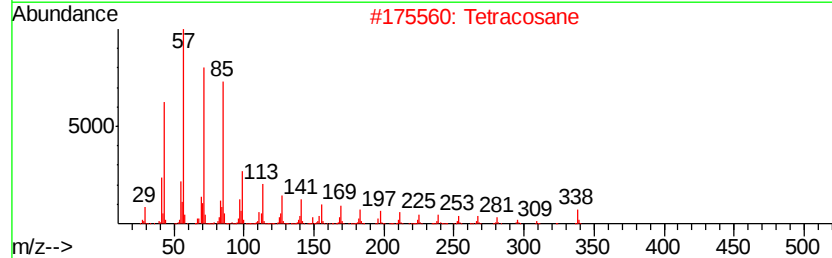
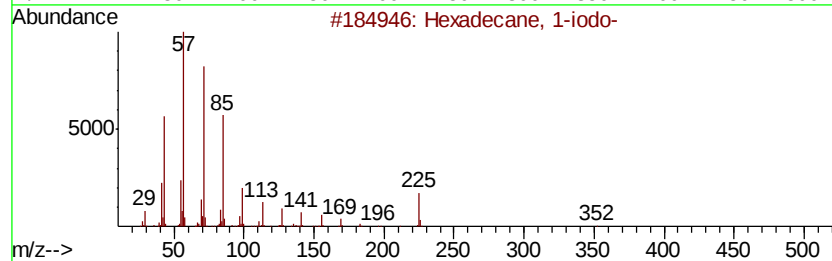
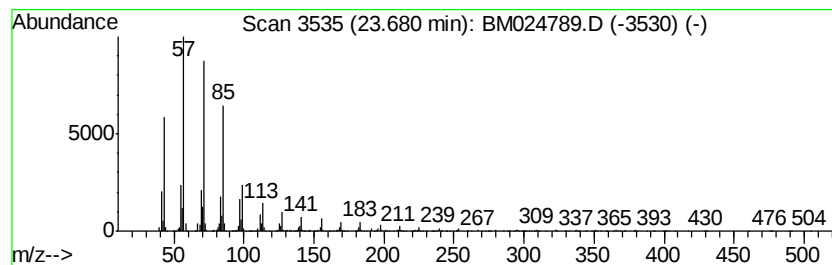
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Hexadecane, 1-iodo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.68	10.93 ng/ul	2145270	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
2		Tetracosane	338	C24H50	000646-31-1	95
3		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



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Data File : BM024789.D
Acq On : 08 Feb 2020 08:28
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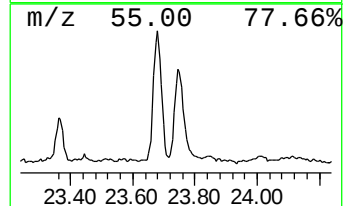
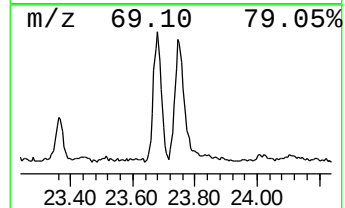
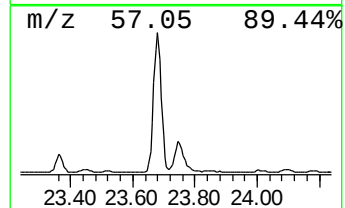
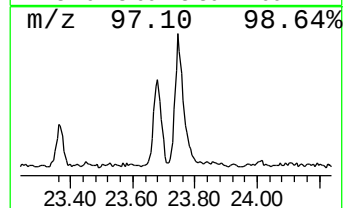
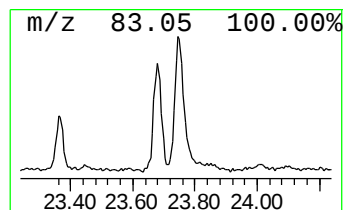
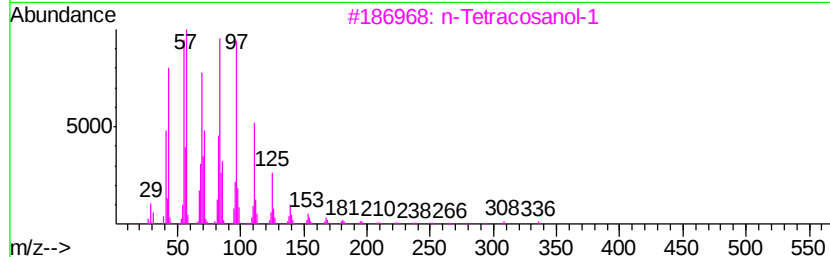
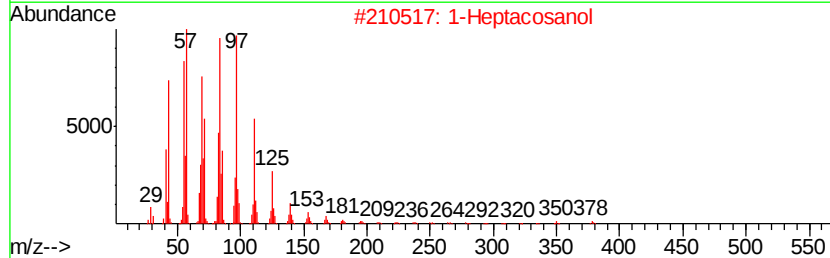
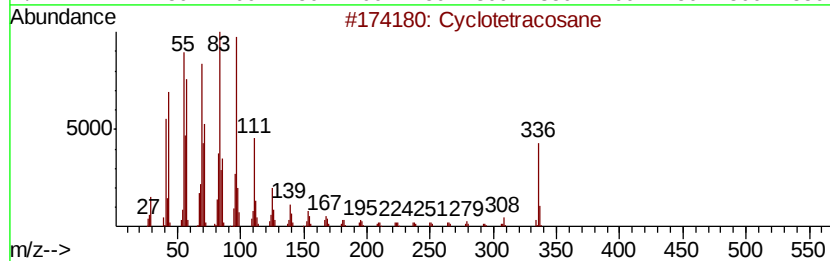
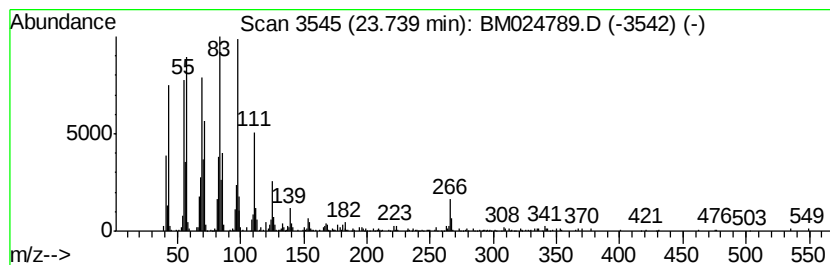
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic23.74 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	5.45 ng/ul	1069620	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	98
2		1-Heptacosanol	396	C27H56O	002004-39-9	94
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4		1-Docosene	308	C22H44	001599-67-3	93
5		Behenic alcohol	326	C22H46O	000661-19-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM020620\
Data File : BM024789.D
Acq On : 08 Feb 2020 08:28
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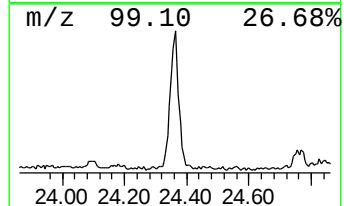
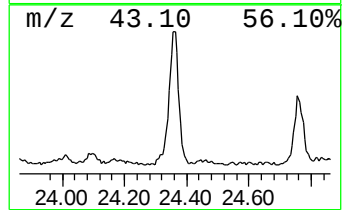
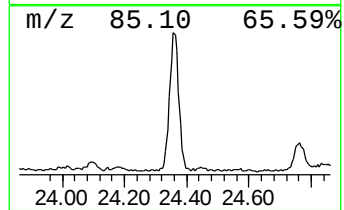
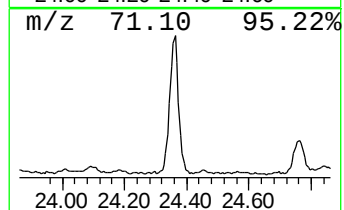
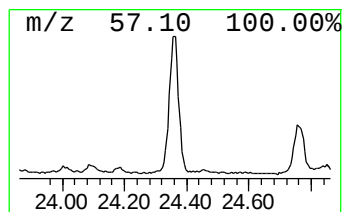
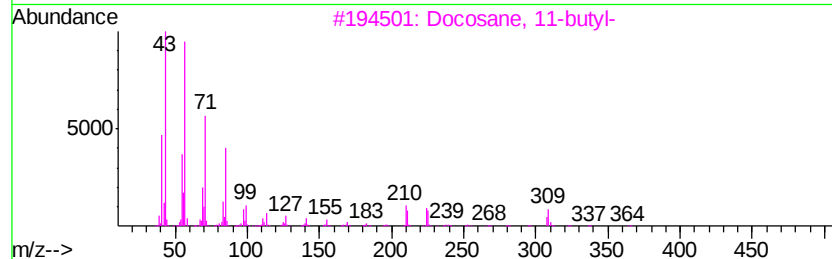
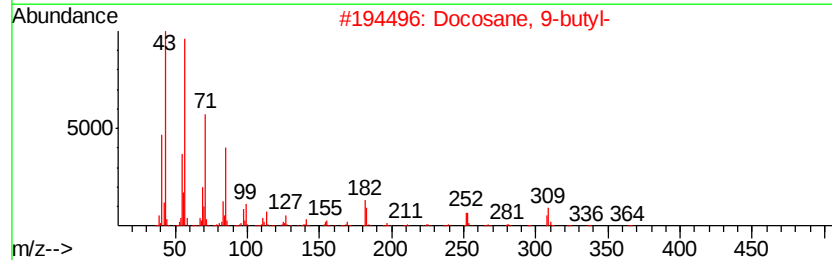
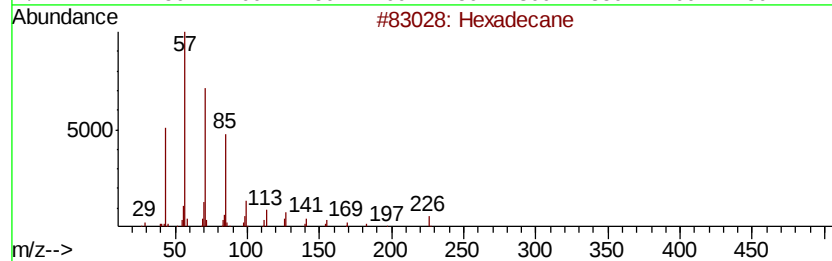
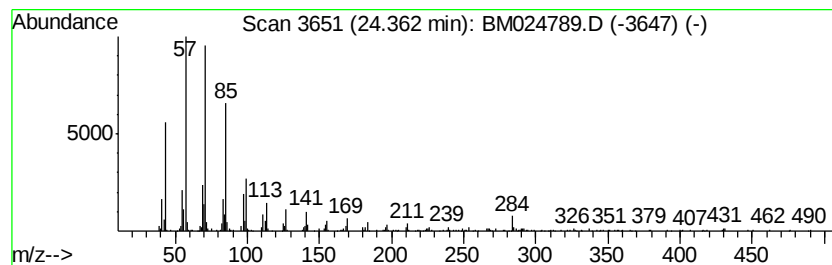
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.36	4.82 ng/ul	945702	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Docosane, 9-butyl-	366	C26H54	055282-14-9	91
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM020620\
Data File : BM024789.D
Acq On : 08 Feb 2020 08:28
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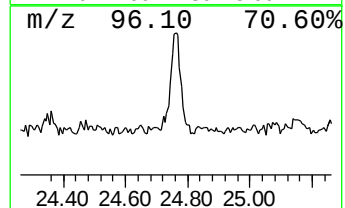
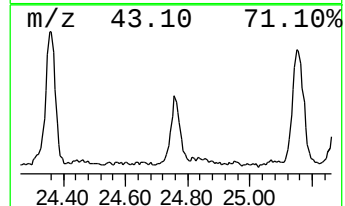
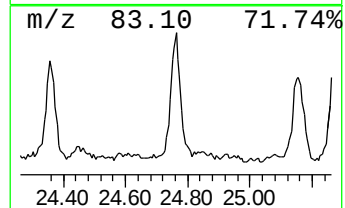
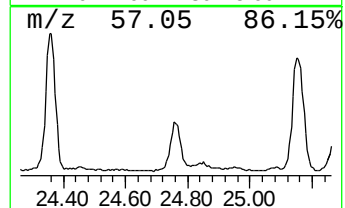
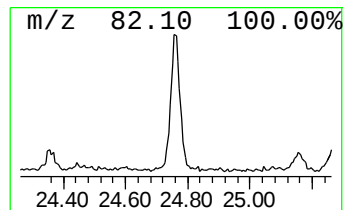
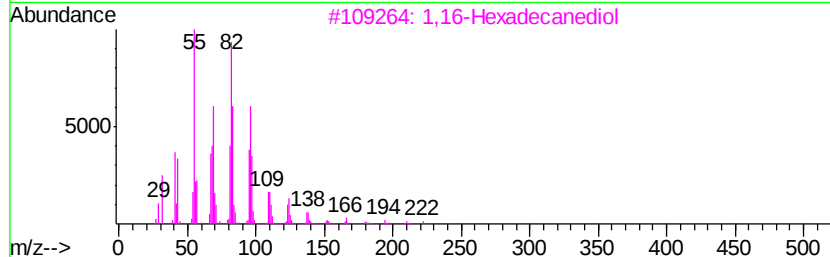
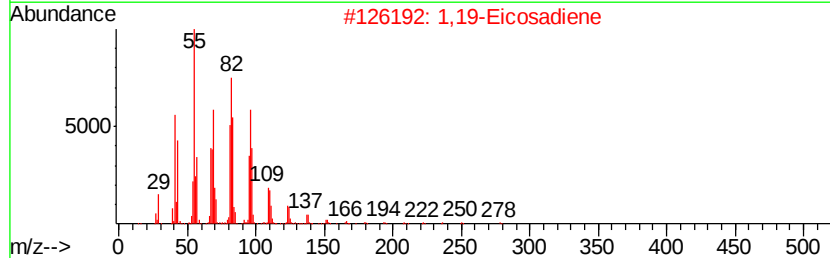
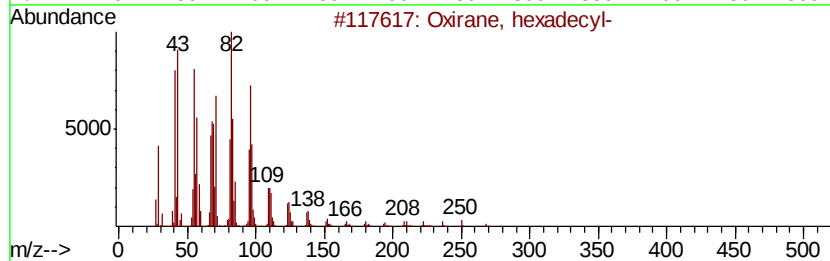
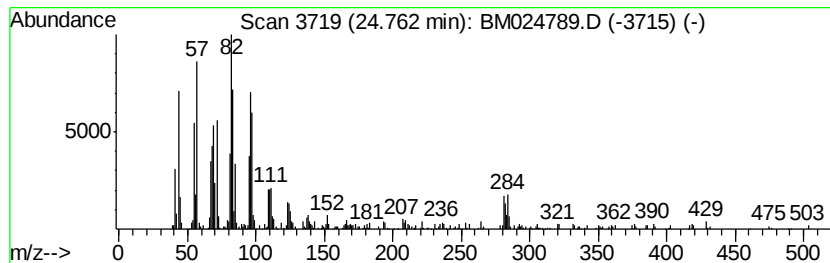
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 Oxirane, hexadecyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.76	4.22 ng/ul	828786	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	83
2		1,19-Eicosadiene	278	C20H38	014811-95-1	74
3		1,16-Hexadecanediol	258	C16H34O2	007735-42-4	62
4		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	62
5		E-11(13-Methyl)tetradecen-1-ol	226	C15H30O	1000130-80-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020620\
 Data File : BM024789.D
 Acq On : 08 Feb 2020 08:28
 Operator : CG/JU
 Sample : L1400-09
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6H5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.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
Benzaldehyde, 3,5...	17.88	2.2	ng/ul	425787	4	16.81	3932310	20.0
1-Heneicosyl formate	20.78	4.1	ng/ul	1265900	5	21.02	6205890	20.0
(DEL) Alkane: Str...	21.65	4.0	ng/ul	1245890	5	21.02	6205890	20.0
(DEL) Alkane: Str...	22.09	6.6	ng/ul	1296480	6	23.13	3923990	20.0
16-Octadecenal	22.29	3.1	ng/ul	614481	6	23.13	3923990	20.0
Heptadecanal	23.36	3.0	ng/ul	583136	6	23.13	3923990	20.0
Hexadecane, 1-iodo-	23.68	10.9	ng/ul	2145270	6	23.13	3923990	20.0
(DEL) Alkane: Cyc...	23.74	5.5	ng/ul	1069620	6	23.13	3923990	20.0
(DEL) Alkane: Str...	24.36	4.8	ng/ul	945702	6	23.13	3923990	20.0
Oxirane, hexadecyl-	24.76	4.2	ng/ul	828786	6	23.13	3923990	20.0