

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
 Data File : BM024823.D
 Acq On : 11 Feb 2020 00:05
 Operator : CG/JU
 Sample : L1402-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6M4

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	19	22	26	rBV	36147	42261	0.77%	0.056%
2	3.504	101	105	110	rVB	45002	55656	1.01%	0.074%
3	3.710	135	140	145	rVB	111084	149551	2.71%	0.198%
4	4.593	285	290	299	rBV	38016	62954	1.14%	0.083%
5	6.598	620	631	646	rBV	604323	970653	17.62%	1.283%
6	6.751	651	657	665	rBV	528470	790431	14.35%	1.045%
7	6.940	683	689	702	rVB	696274	1086129	19.71%	1.436%
8	7.398	761	767	776	rBV	1005944	1566076	28.43%	2.071%
9	8.116	883	889	899	rBV	541180	853016	15.48%	1.128%
10	8.539	951	961	970	rBV	620708	1008238	18.30%	1.333%
11	8.728	988	993	1002	rVB3	33534	58858	1.07%	0.078%
12	9.034	1038	1045	1055	rBV	166632	237236	4.31%	0.314%
13	9.257	1075	1083	1091	rBV	518105	870103	15.79%	1.151%
14	9.792	1167	1174	1187	rVV	809024	1364340	24.76%	1.804%
15	10.157	1229	1236	1242	rBV	1377530	2247150	40.79%	2.971%
16	10.204	1242	1244	1252	rVB	100773	146417	2.66%	0.194%
17	10.298	1252	1260	1276	rBV	531077	1032460	18.74%	1.365%
18	11.833	1516	1521	1526	rBV	64461	102089	1.85%	0.135%
19	12.057	1553	1559	1567	rVB	45643	73648	1.34%	0.097%
20	12.910	1701	1704	1709	rVV2	32375	43498	0.79%	0.058%
21	13.374	1778	1783	1788	rVV	46347	75589	1.37%	0.100%
22	13.480	1795	1801	1806	rVV	1530476	2169559	39.38%	2.869%
23	13.521	1806	1808	1813	rVB	62229	79459	1.44%	0.105%
24	13.739	1836	1845	1856	rBV	1862606	2754801	50.00%	3.643%
25	14.051	1893	1898	1905	rVB	2035590	3120574	56.64%	4.126%
26	14.116	1905	1909	1913	rBV	72018	95882	1.74%	0.127%
27	14.280	1931	1937	1949	rBV	396370	749710	13.61%	0.991%
28	14.457	1956	1967	1973	rBV	101376	183805	3.34%	0.243%
29	15.057	2063	2069	2075	rBV	2375808	3293277	59.78%	4.355%
30	15.110	2075	2078	2086	rVB2	139448	203940	3.70%	0.270%
31	15.186	2086	2091	2098	rBV	574409	811896	14.74%	1.074%
32	15.298	2103	2110	2114	rVV5	28069	67790	1.23%	0.090%
33	15.410	2126	2129	2134	rVV	45126	65439	1.19%	0.087%
34	15.563	2150	2155	2164	rVB	47942	99691	1.81%	0.132%

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35	16.121	2241	2250	2255	rBV6	33591	86987	1.58%	0.115%
36	16.374	2286	2293	2300	rVV3	95758	201828	3.66%	0.267%
37	16.468	2305	2309	2317	rVB	71112	126077	2.29%	0.167%
38	16.557	2319	2324	2329	rVV4	33088	69212	1.26%	0.092%
39	16.627	2331	2336	2342	rVV	97464	139131	2.53%	0.184%
40	16.809	2360	2367	2371	rBV	2685110	3740482	67.89%	4.946%
41	16.851	2371	2374	2378	rVB	1486807	1813456	32.92%	2.398%
42	16.904	2378	2383	2388	rBV	2356851	3305797	60.00%	4.371%
43	17.009	2397	2401	2407	rVB7	23265	41333	0.75%	0.055%
44	17.215	2432	2436	2442	rVV	97450	162585	2.95%	0.215%
45	17.262	2442	2444	2449	rVV4	22331	41338	0.75%	0.055%
46	17.339	2453	2457	2459	rVV	29743	41890	0.76%	0.055%
47	17.392	2463	2466	2479	rVB4	49243	84822	1.54%	0.112%
48	17.533	2487	2490	2495	rVB4	28666	43915	0.80%	0.058%
49	17.686	2511	2516	2520	rVV	221339	304221	5.52%	0.402%
50	17.733	2520	2524	2533	rVB	299512	426224	7.74%	0.564%
51	17.815	2533	2538	2542	rBV2	74870	107098	1.94%	0.142%
52	17.874	2542	2548	2552	rVV2	278060	467355	8.48%	0.618%
53	17.915	2552	2555	2564	rVB	159164	215386	3.91%	0.285%
54	18.192	2598	2602	2606	rBV	160716	238902	4.34%	0.316%
55	18.227	2606	2608	2615	rVB4	71304	102073	1.85%	0.135%
56	18.445	2642	2645	2651	rVV3	67970	106945	1.94%	0.141%
57	18.498	2651	2654	2658	rVV	64588	93389	1.70%	0.123%
58	18.533	2658	2660	2665	rVB2	49821	64208	1.17%	0.085%
59	18.621	2670	2675	2679	rBV	141794	219032	3.98%	0.290%
60	18.674	2680	2684	2687	rBV2	60890	101807	1.85%	0.135%
61	18.756	2694	2698	2706	rBV3	96592	193556	3.51%	0.256%
62	18.880	2710	2719	2724	rVV	2040224	2785144	50.55%	3.683%
63	18.956	2728	2732	2735	rBV	49947	73076	1.33%	0.097%
64	19.033	2742	2745	2750	rVB	37456	51720	0.94%	0.068%
65	19.092	2750	2755	2756	rBV5	44220	66579	1.21%	0.088%
66	19.215	2770	2776	2779	rVV	3441405	5148020	93.44%	6.807%
67	19.239	2779	2780	2785	rVV	1755706	1729541	31.39%	2.287%
68	19.280	2785	2787	2790	rVV4	68754	87570	1.59%	0.116%
69	19.321	2790	2794	2801	rVB3	95331	188157	3.42%	0.249%
70	19.433	2809	2813	2816	rBV	106282	134257	2.44%	0.178%
71	19.586	2832	2839	2844	rBV3	144444	337839	6.13%	0.447%

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72	19.715	2857	2861	2863	rBV2	117917	181968	3.30%	0.241%
73	19.750	2863	2867	2871	rVB	244189	348801	6.33%	0.461%
74	19.827	2877	2880	2881	rBV2	48613	49129	0.89%	0.065%
75	19.850	2881	2884	2888	rVB	132211	151236	2.75%	0.200%
76	19.903	2889	2893	2898	rBV2	212281	301708	5.48%	0.399%
77	19.992	2905	2908	2912	rBV3	45698	69814	1.27%	0.092%
78	20.045	2914	2917	2921	rVB	128485	159032	2.89%	0.210%
79	20.092	2921	2925	2930	rBV	123516	185913	3.37%	0.246%
80	20.497	2991	2994	3001	rVB	162503	230786	4.19%	0.305%
81	20.662	3018	3022	3026	rBV3	135816	198085	3.60%	0.262%
82	20.703	3026	3029	3032	rBV	137561	176327	3.20%	0.233%
83	20.739	3032	3035	3038	rVV	101098	132311	2.40%	0.175%
84	20.774	3038	3041	3053	rVB4	578800	1074070	19.50%	1.420%
85	21.015	3076	3082	3086	rBV2	3356274	5509434	100.00%	7.285%
86	21.056	3086	3089	3097	rVB	923392	1213162	22.02%	1.604%
87	21.227	3115	3118	3123	rBV4	170349	192317	3.49%	0.254%
88	21.556	3172	3174	3179	rVB	182946	191499	3.48%	0.253%
89	21.644	3186	3189	3196	rBV4	417413	635949	11.54%	0.841%
90	22.080	3260	3263	3267	rVB2	302384	339446	6.16%	0.449%
91	22.503	3330	3335	3339	rBV	804069	1605655	29.14%	2.123%
92	22.550	3340	3343	3346	rVV2	851298	1169325	21.22%	1.546%
93	22.586	3346	3349	3357	rVB2	340809	525238	9.53%	0.695%
94	22.944	3406	3410	3413	rBV	361150	582028	10.56%	0.770%
95	22.991	3413	3418	3422	rVV	2174676	3658053	66.40%	4.837%
96	23.027	3422	3424	3429	rVB	545446	694854	12.61%	0.919%
97	23.074	3429	3432	3435	rBV	306478	420493	7.63%	0.556%
98	23.121	3435	3440	3445	rVB	2158887	3540641	64.27%	4.682%
99	23.668	3529	3533	3539	rVB	561888	900029	16.34%	1.190%
100	25.156	3781	3786	3797	rVB3	522677	1515154	27.50%	2.003%

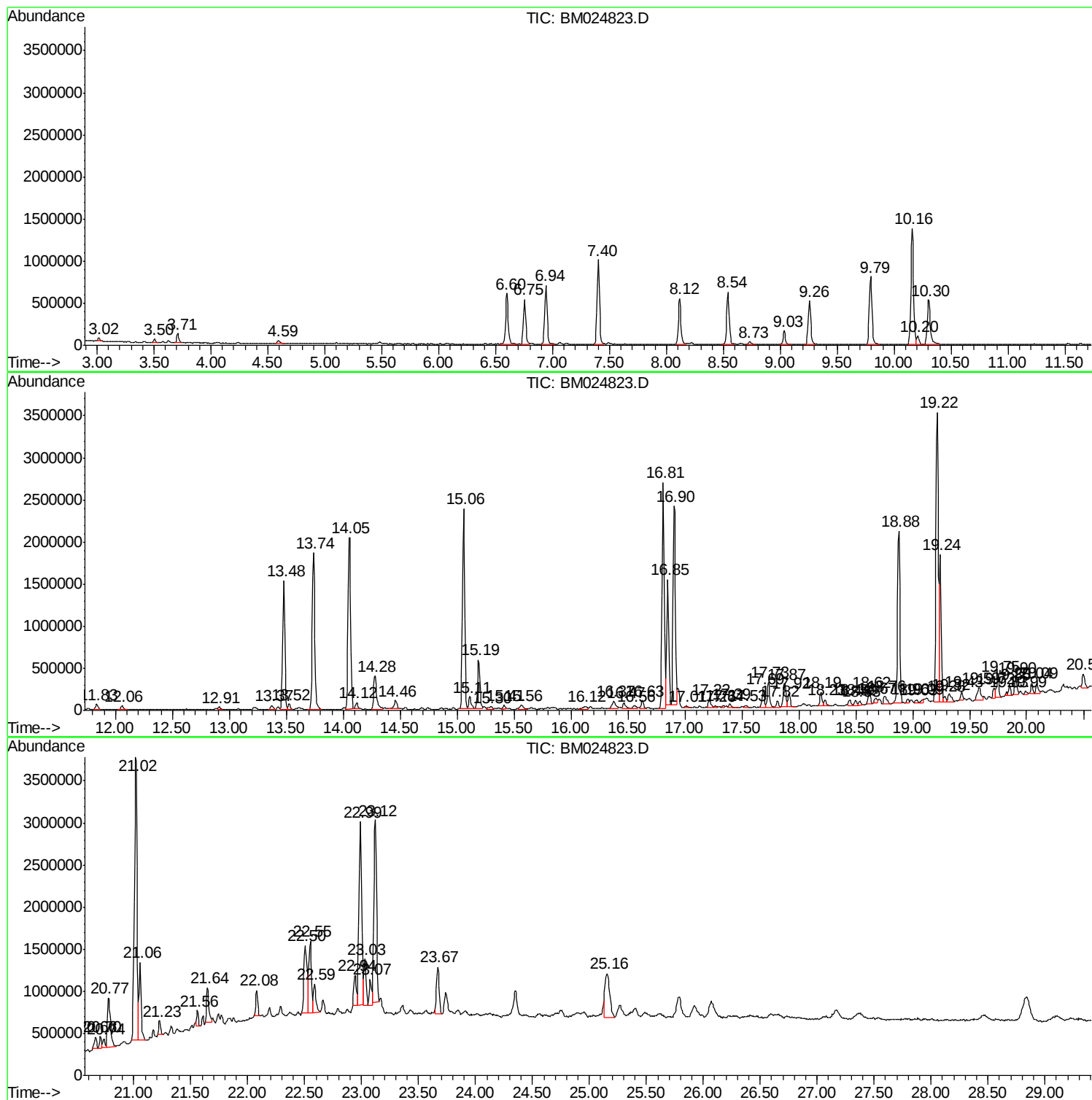
Sum of corrected areas: 75625585

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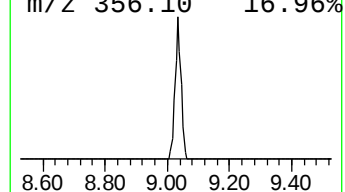
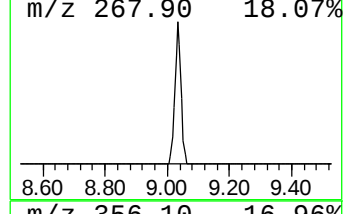
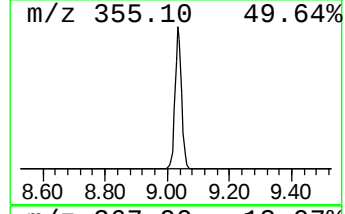
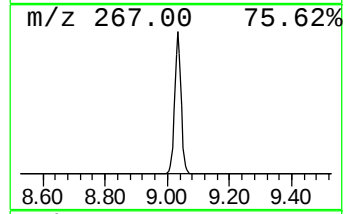
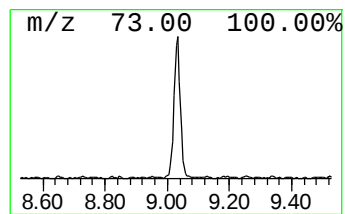
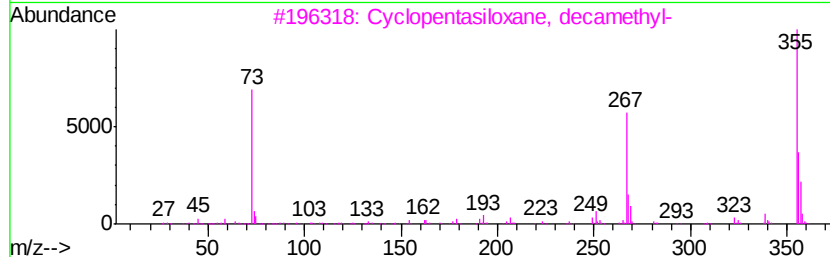
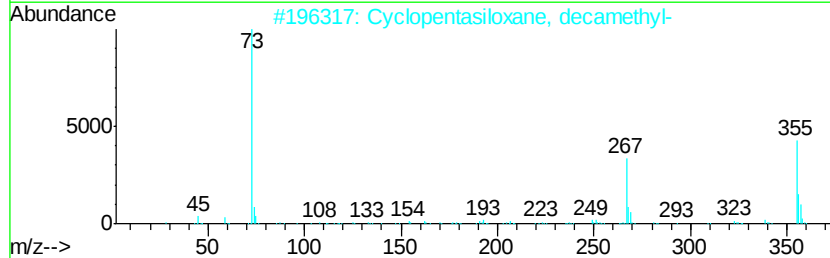
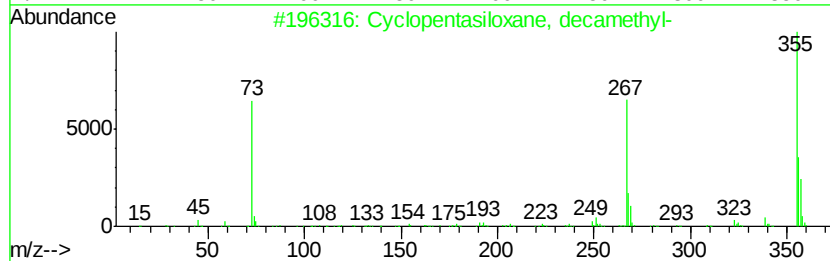
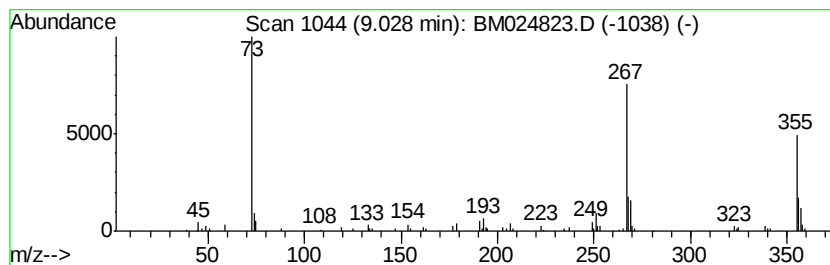
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Cyclopentasiloxane, decamet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	2.11 ng/ul	237236	Naphthalene-d8	10.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
3		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	52
4		3-Amino-2-phenazinol ditms	355	C18H25N3OSi2	1000332-15-5	46
5		4-Hydroxymandelic acid, ethyl es...	340	C16H28O4Si2	1000071-53-3	43



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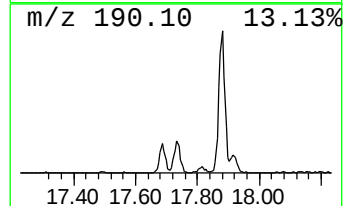
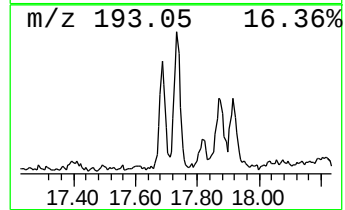
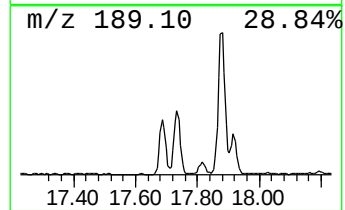
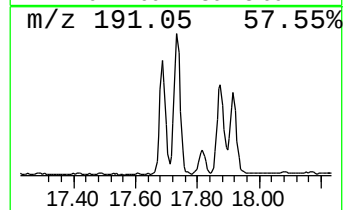
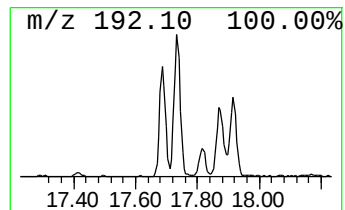
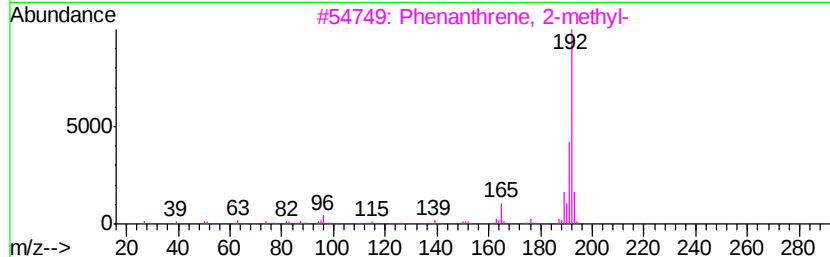
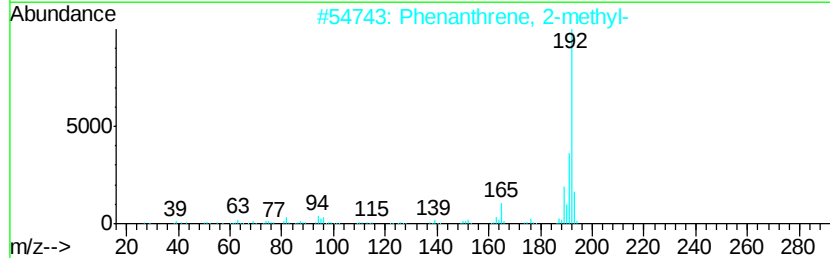
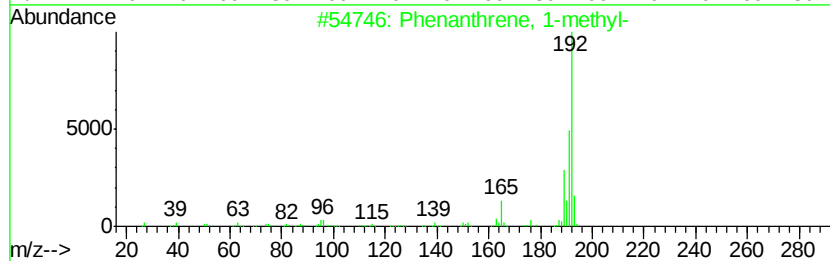
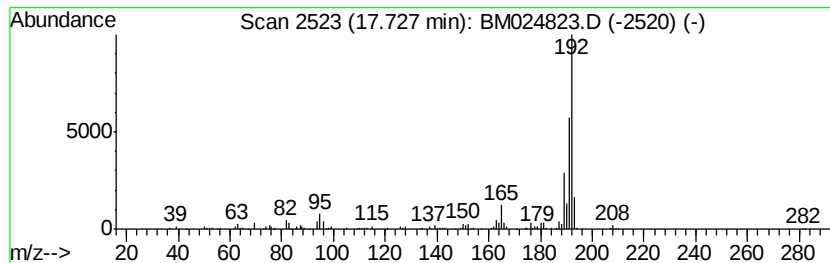
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	2.28 ng/ul	426224	Phenanthrene-d10	16.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97	
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96	
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96	
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96	
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96	



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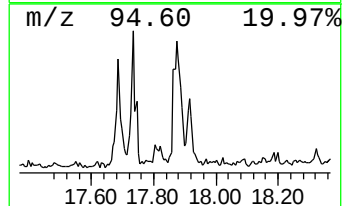
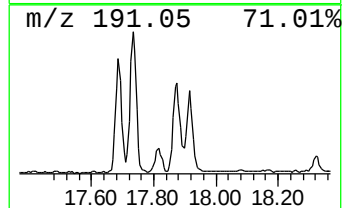
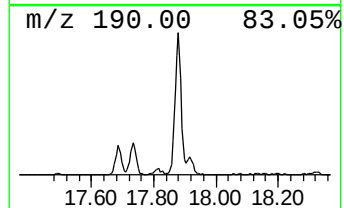
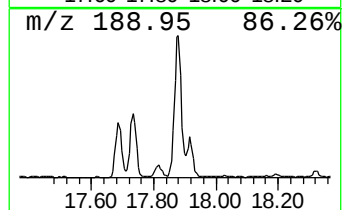
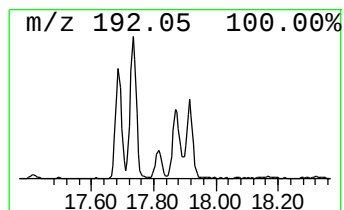
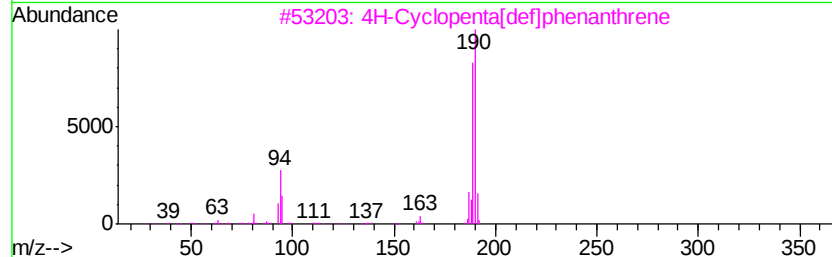
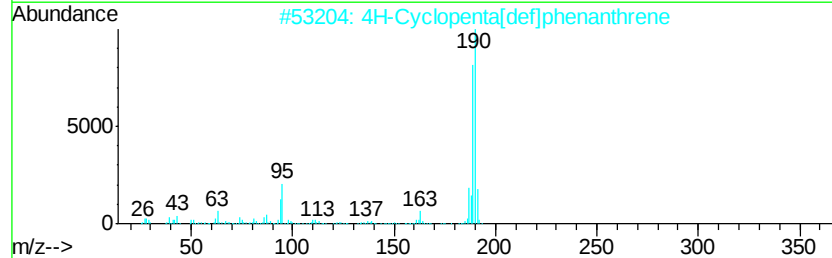
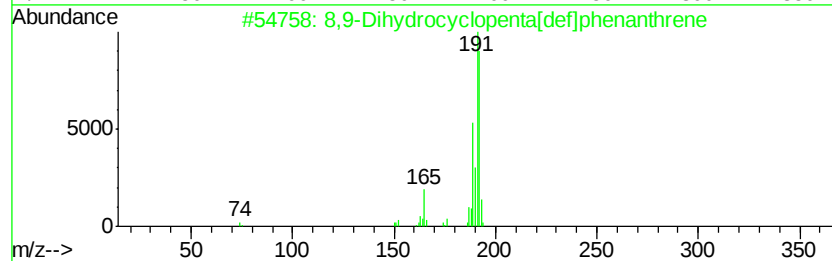
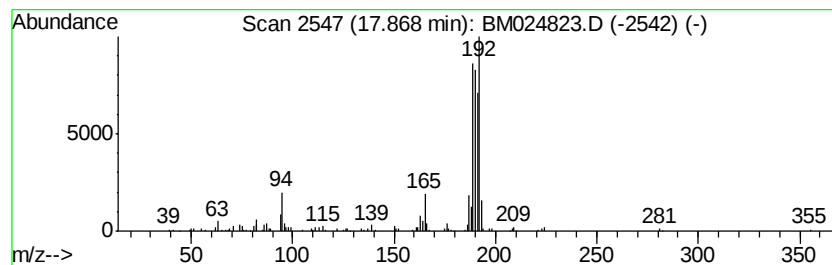
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 8,9-Dihydrocyclopenta[def]p... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.50 ng/ul	467355	Phenanthrene-d10	16.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	80
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
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Acq On : 11 Feb 2020 00:05
Operator : CG/JU
Sample : L1402-16
Misc :
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Instrument :
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ClientSampleId :
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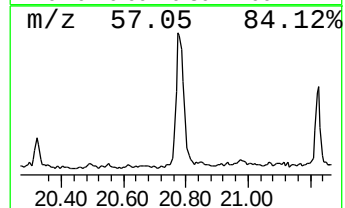
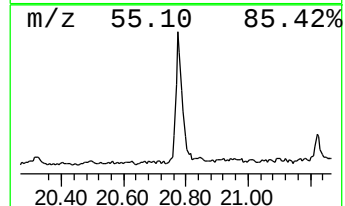
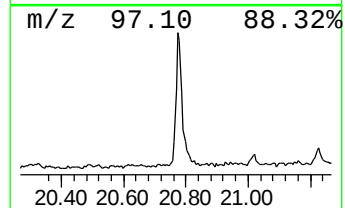
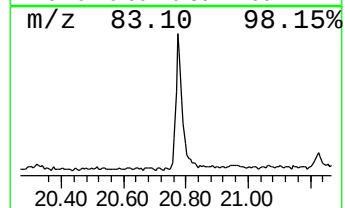
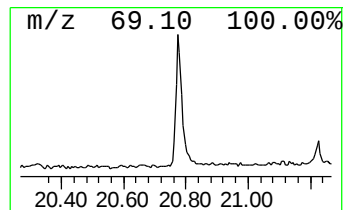
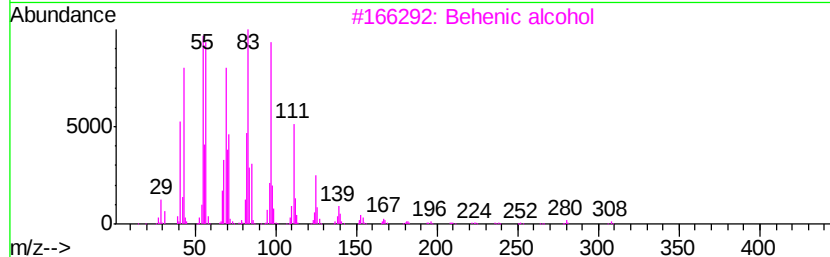
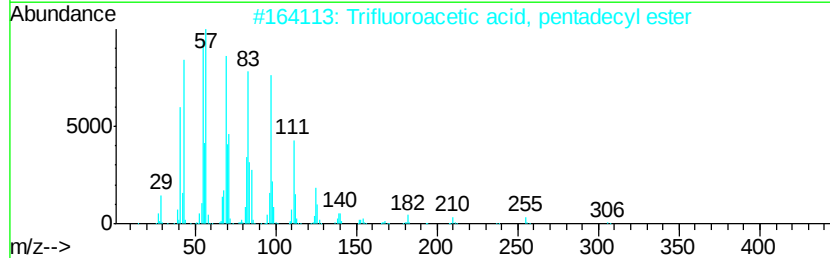
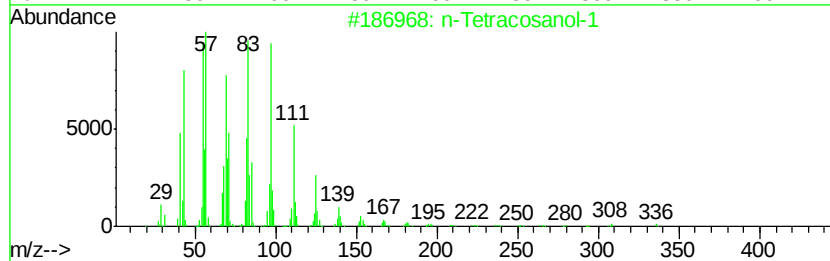
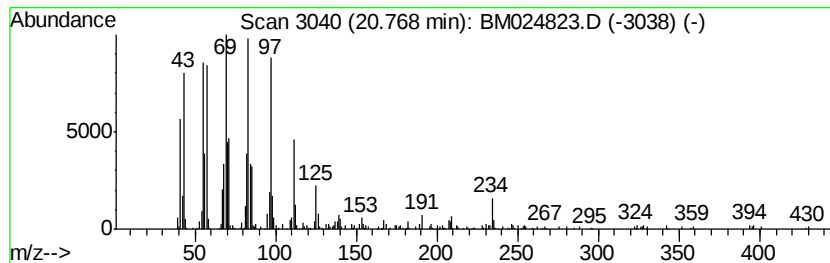
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	3.90 ng/ul	1074070	Chrysene-d12	21.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3		Behenic alcohol	326	C22H46O	000661-19-8	93
4		1-Heptacosanol	396	C27H56O	002004-39-9	93
5		1-Heneicosanol	312	C21H44O	015594-90-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024823.D
Acq On : 11 Feb 2020 00:05
Operator : CG/JU
Sample : L1402-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6M4

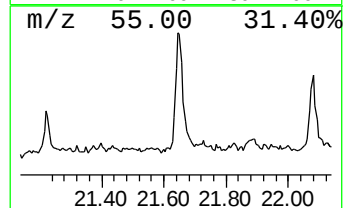
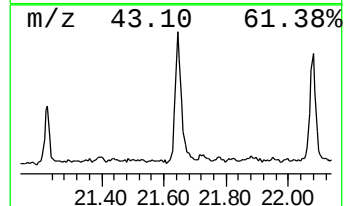
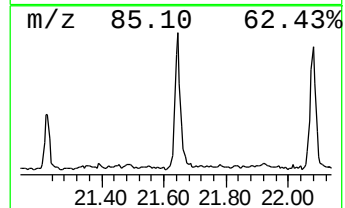
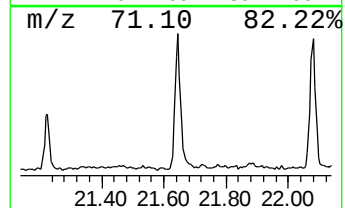
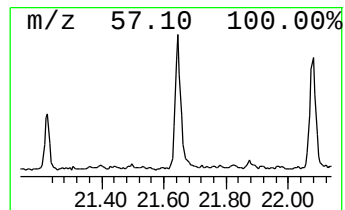
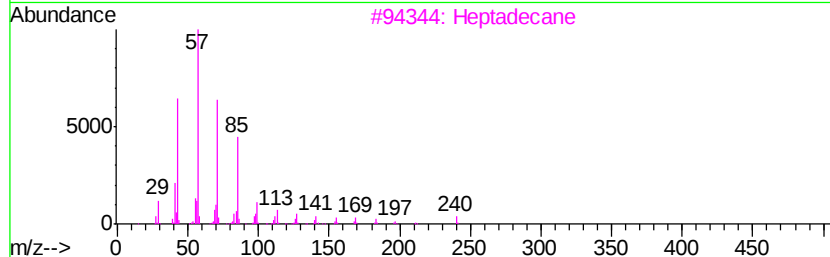
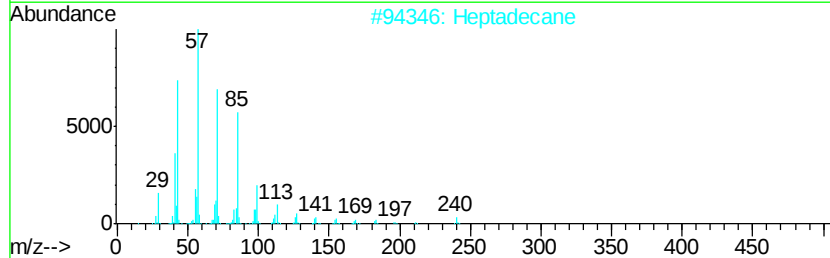
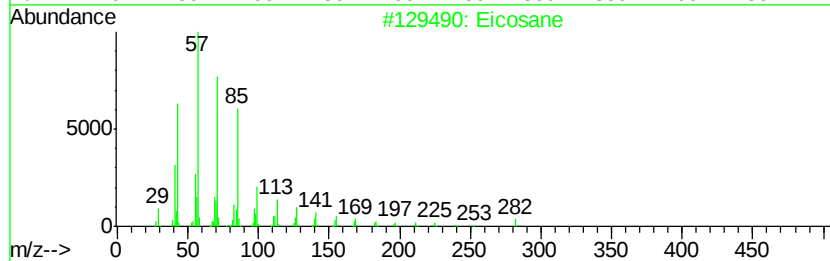
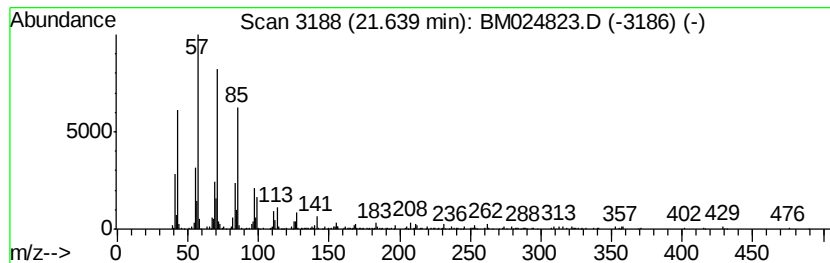
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	2.31 ng/ul	635949	Chrysene-d12	21.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Heptadecane	240	C17H36	000629-78-7	94
3		Heptadecane	240	C17H36	000629-78-7	93
4		1-Heptadecene	238	C17H34	006765-39-5	93
5		Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024823.D
Acq On : 11 Feb 2020 00:05
Operator : CG/JU
Sample : L1402-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6M4

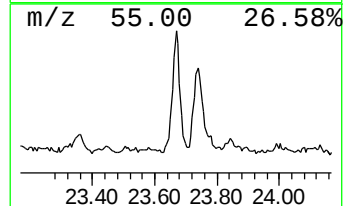
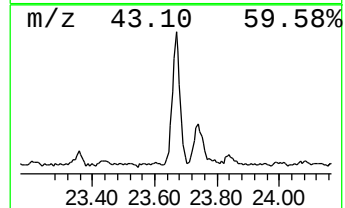
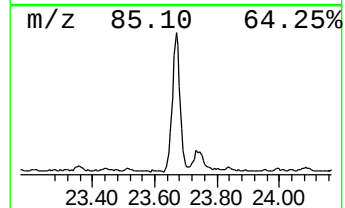
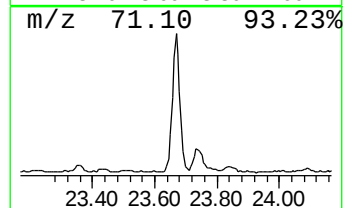
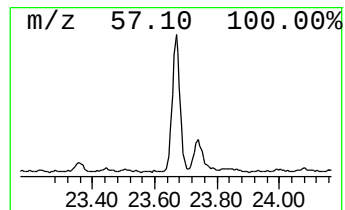
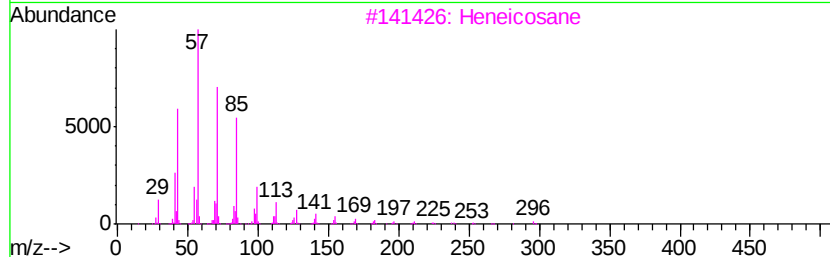
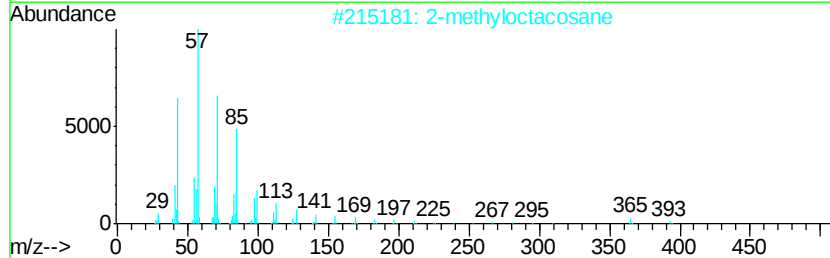
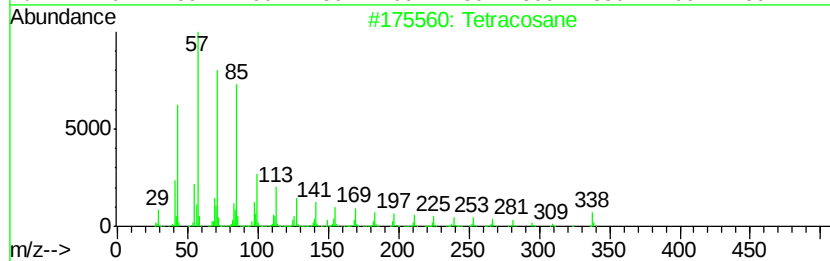
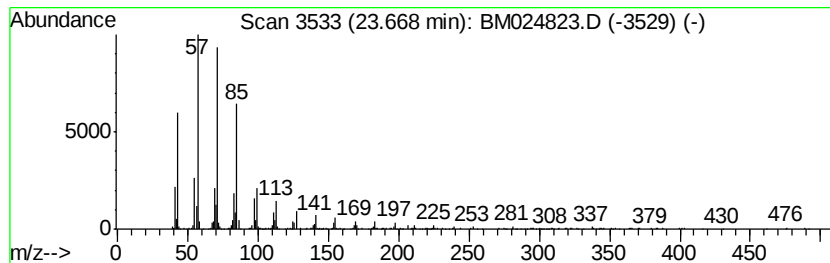
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	5.08 ng/ul	900029	Perylene-d12	23.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	94
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5			Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021020\
Data File : BM024823.D
Acq On : 11 Feb 2020 00:05
Operator : CG/JU
Sample : L1402-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6M4

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
Cyclopentasiloxan...	9.03	2.1	ng/ul	237236	2	10.16	2247150	20.0
Phenanthrene, 1-m...	17.73	2.3	ng/ul	426224	4	16.81	3740480	20.0
8,9-Dihydrocyclop...	17.87	2.5	ng/ul	467355	4	16.81	3740480	20.0
n-Tetracosanol-1	20.77	3.9	ng/ul	1074070	5	21.02	5509430	20.0
(DEL) Alkane: Str...	21.64	2.3	ng/ul	635949	5	21.02	5509430	20.0
(DEL) Alkane: Str...	23.67	5.1	ng/ul	900029	6	23.12	3540640	20.0