

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
 Data File : BM024812.D
 Acq On : 10 Feb 2020 17:28
 Operator : CG/JU
 Sample : L1402-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6L5

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	31	rVB	45181	63578	1.48%	0.104%
2	3.628	122	126	132	rVV2	17483	25314	0.59%	0.042%
3	3.710	136	140	147	rVB	65421	83112	1.94%	0.137%
4	3.928	173	177	183	rBV	111489	153853	3.59%	0.253%
5	4.057	196	199	207	rVB4	22738	37085	0.86%	0.061%
6	4.322	239	244	253	rBV	87470	128948	3.01%	0.212%
7	4.593	286	290	296	rBV	45606	62320	1.45%	0.102%
8	5.516	444	447	454	rVB4	14108	19557	0.46%	0.032%
9	6.598	625	631	642	rVB	638328	990799	23.10%	1.628%
10	6.757	652	658	672	rVB	517763	810566	18.90%	1.332%
11	6.945	683	690	699	rBV	714864	1124108	26.21%	1.848%
12	7.063	704	710	716	rVB5	14237	23373	0.54%	0.038%
13	7.404	761	768	776	rBV	1003309	1548708	36.11%	2.545%
14	7.492	780	783	791	rVV6	12617	21881	0.51%	0.036%
15	8.116	883	889	902	rBV	801349	1248343	29.10%	2.052%
16	8.222	902	907	913	rVB	15235	29566	0.69%	0.049%
17	8.539	955	961	971	rBV	629675	1014042	23.64%	1.667%
18	8.645	973	979	986	rVB7	7896	20894	0.49%	0.034%
19	8.734	986	994	1002	rBV3	48606	85356	1.99%	0.140%
20	8.892	1016	1021	1026	rVB6	15341	24377	0.57%	0.040%
21	9.034	1038	1045	1053	rBV	78627	118536	2.76%	0.195%
22	9.257	1075	1083	1094	rBV	541867	886204	20.66%	1.457%
23	9.792	1168	1174	1187	rBV	866567	1442882	33.64%	2.372%
24	10.157	1228	1236	1243	rBV	1290368	2174049	50.68%	3.573%
25	10.210	1243	1245	1253	rVB	28349	37089	0.86%	0.061%
26	10.304	1253	1261	1278	rBV	673182	1236468	28.83%	2.032%
27	11.763	1503	1509	1517	rVB2	18600	30243	0.71%	0.050%
28	11.839	1517	1522	1526	rBV2	17494	28905	0.67%	0.048%
29	12.063	1554	1560	1566	rBV4	10892	18939	0.44%	0.031%
30	12.916	1700	1705	1708	rVB2	15939	21936	0.51%	0.036%
31	13.374	1778	1783	1787	rBV3	12549	20639	0.48%	0.034%
32	13.480	1795	1801	1806	rVV	1570630	2125021	49.54%	3.493%
33	13.527	1806	1809	1813	rVB2	53218	68257	1.59%	0.112%
34	13.739	1838	1845	1858	rBV	1803914	2681363	62.51%	4.407%

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35	14.004	1886	1890	1893	rVV2	16256	20765	0.48%	0.034%
36	14.057	1893	1899	1906	rVV	2049693	2953826	68.86%	4.855%
37	14.121	1906	1910	1913	rVB3	16805	21645	0.50%	0.036%
38	14.280	1931	1937	1951	rBV	383989	712767	16.62%	1.171%
39	14.463	1965	1968	1972	rVV3	18056	32772	0.76%	0.054%
40	14.504	1972	1975	1979	rVB6	15205	21800	0.51%	0.036%
41	14.904	2040	2043	2047	rVV4	14503	22369	0.52%	0.037%
42	14.968	2050	2054	2059	rVB3	16998	21461	0.50%	0.035%
43	15.057	2062	2069	2076	rBV	2344698	3266942	76.16%	5.370%
44	15.110	2076	2078	2084	rVB2	29242	39808	0.93%	0.065%
45	15.192	2086	2092	2104	rBV	528738	793691	18.50%	1.305%
46	15.304	2104	2111	2115	rVB3	24179	36072	0.84%	0.059%
47	15.674	2167	2174	2177	rVB6	24613	41382	0.96%	0.068%
48	15.833	2197	2201	2203	rBV3	16163	19143	0.45%	0.031%
49	16.362	2287	2291	2294	rBV5	13689	22079	0.51%	0.036%
50	16.468	2305	2309	2311	rBV2	14427	19297	0.45%	0.032%
51	16.557	2319	2324	2328	rBV6	12746	25326	0.59%	0.042%
52	16.627	2333	2336	2341	rVV2	28286	42067	0.98%	0.069%
53	16.692	2341	2347	2353	rVB8	13482	31743	0.74%	0.052%
54	16.810	2360	2367	2371	rBV	2508320	3384250	78.90%	5.562%
55	16.851	2371	2374	2378	rVB	315134	397247	9.26%	0.653%
56	16.910	2378	2384	2389	rBV	2268976	3156383	73.58%	5.188%
57	17.233	2432	2439	2444	rBV5	23052	62690	1.46%	0.103%
58	17.392	2464	2466	2475	rVB7	14201	23657	0.55%	0.039%
59	17.692	2512	2517	2521	rBV	61347	91813	2.14%	0.151%
60	17.739	2521	2525	2533	rVB	92480	150005	3.50%	0.247%
61	17.815	2534	2538	2543	rBV3	36972	53740	1.25%	0.088%
62	17.874	2543	2548	2552	rBV2	81451	129230	3.01%	0.212%
63	17.915	2552	2555	2561	rVB	50210	66488	1.55%	0.109%
64	18.033	2568	2575	2576	rBV7	32044	52505	1.22%	0.086%
65	18.192	2598	2602	2606	rBV2	62331	90362	2.11%	0.149%
66	18.451	2642	2646	2651	rVV3	21667	32386	0.76%	0.053%
67	18.498	2651	2654	2657	rBV2	19557	22215	0.52%	0.037%
68	18.539	2658	2661	2667	rVB5	20126	30422	0.71%	0.050%
69	18.621	2670	2675	2680	rBV3	77717	123797	2.89%	0.203%
70	18.686	2680	2686	2687	rBV3	31368	55709	1.30%	0.092%
71	18.756	2694	2698	2700	rBV2	36734	49905	1.16%	0.082%

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72	18.880	2714	2719	2725	rVB	600438	783703	18.27%	1.288%
73	19.033	2743	2745	2750	rVB2	18078	22266	0.52%	0.037%
74	19.215	2770	2776	2780	rBV	3019239	4289439	100.00%	7.050%
75	19.286	2786	2788	2791	rVB3	41826	37906	0.88%	0.062%
76	19.321	2791	2794	2797	rBV2	21532	33928	0.79%	0.056%
77	19.433	2810	2813	2816	rBV	33062	40512	0.94%	0.067%
78	19.592	2833	2840	2844	rBV5	54502	137581	3.21%	0.226%
79	19.721	2857	2862	2863	rBV2	49555	74640	1.74%	0.123%
80	19.750	2865	2867	2871	rVB	82527	89486	2.09%	0.147%
81	19.827	2877	2880	2882	rBV	44993	49724	1.16%	0.082%
82	19.909	2890	2894	2898	rBV2	83500	103264	2.41%	0.170%
83	20.045	2914	2917	2921	rVB2	63668	83919	1.96%	0.138%
84	20.098	2923	2926	2929	rVV	36670	46648	1.09%	0.077%
85	20.780	3038	3042	3053	rBV4	406854	714755	16.66%	1.175%
86	21.021	3077	3083	3087	rBV	3121749	4088256	95.31%	6.719%
87	21.056	3087	3089	3093	rVB	294654	300763	7.01%	0.494%
88	21.644	3186	3189	3196	rBV2	304395	439809	10.25%	0.723%
89	22.080	3260	3263	3267	rVB	235705	280772	6.55%	0.461%
90	22.291	3296	3299	3303	rVB2	268968	311784	7.27%	0.512%
91	22.509	3332	3336	3340	rBV	288666	575503	13.42%	0.946%
92	22.556	3340	3344	3347	rVV2	638430	962222	22.43%	1.581%
93	22.591	3347	3350	3358	rVB3	424851	650455	15.16%	1.069%
94	22.991	3413	3418	3423	rBV	2042187	3291550	76.74%	5.410%
95	23.080	3430	3433	3435	rBV	234574	296681	6.92%	0.488%
96	23.121	3435	3440	3460	rVB	2238049	3943289	91.93%	6.481%
97	23.674	3529	3534	3540	rVB	782418	1308403	30.50%	2.150%
98	24.756	3715	3718	3727	rVB2	420368	768415	17.91%	1.263%
99	25.150	3781	3785	3798	rVB3	496944	1342046	31.29%	2.206%
100	25.638	3863	3868	3878	rVB3	519189	1250613	29.16%	2.055%

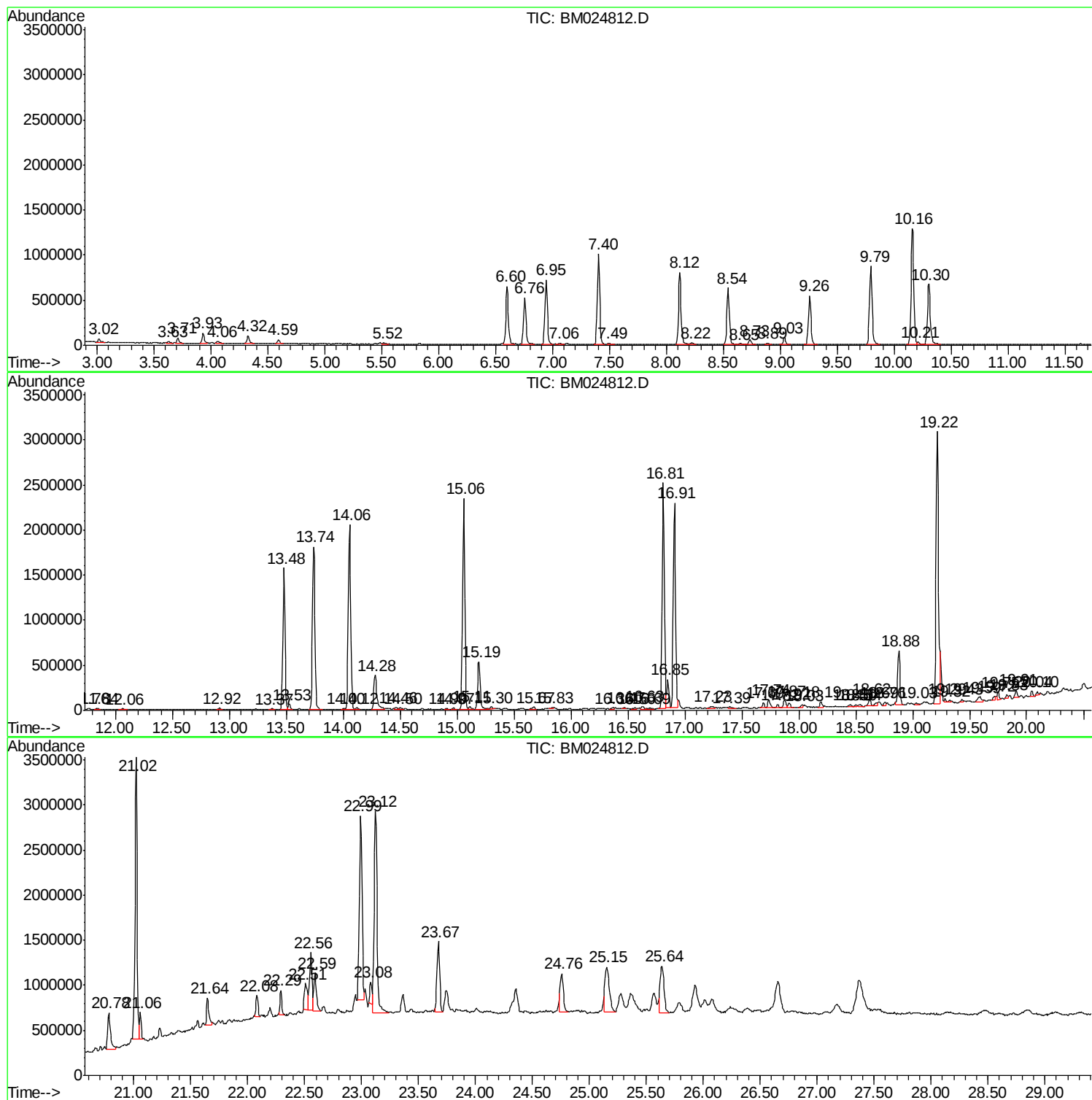
Sum of corrected areas: 60842402

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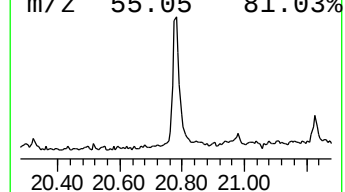
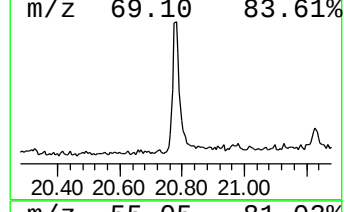
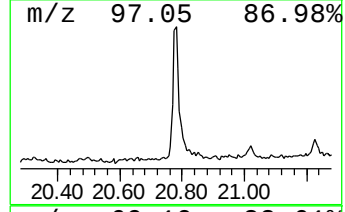
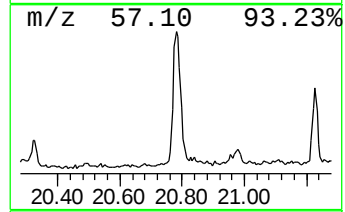
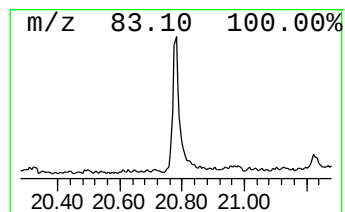
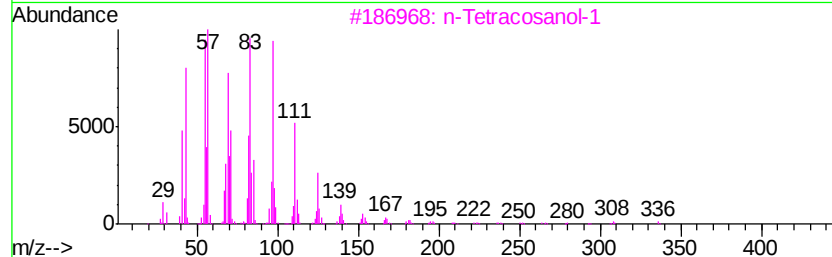
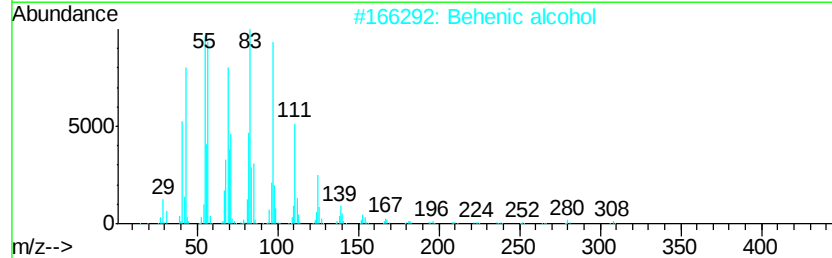
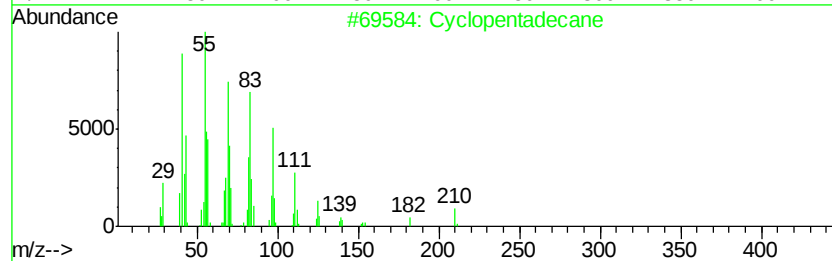
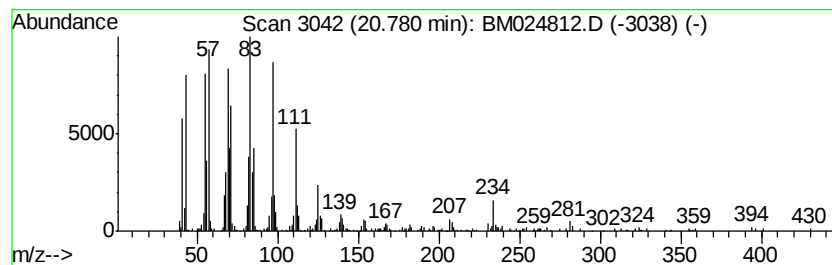
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic20.78 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	3.50 ng/ul	714755	Chrysene-d12	21.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	94
2		Behenic alcohol	326	C22H46O	000661-19-8	93
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4		1-Heneicosanol	312	C21H44O	015594-90-8	93
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93



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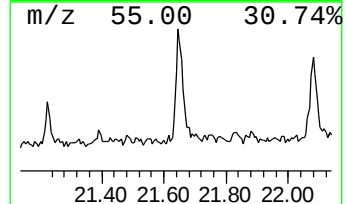
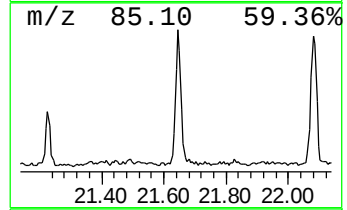
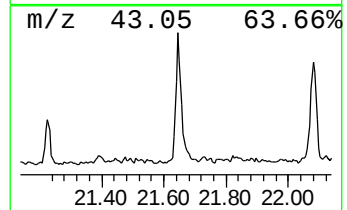
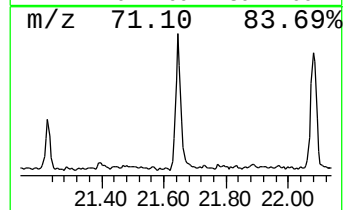
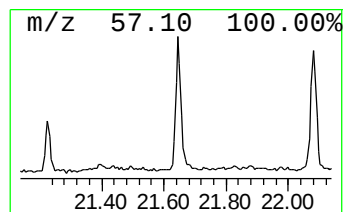
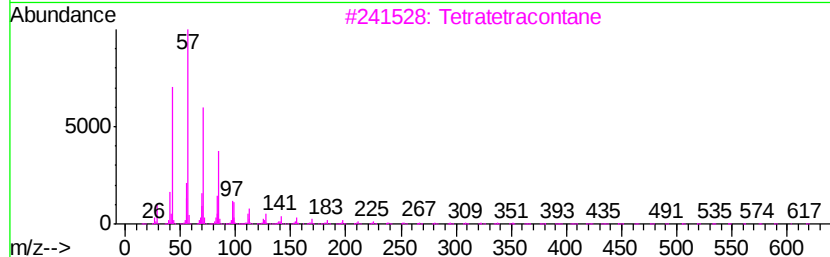
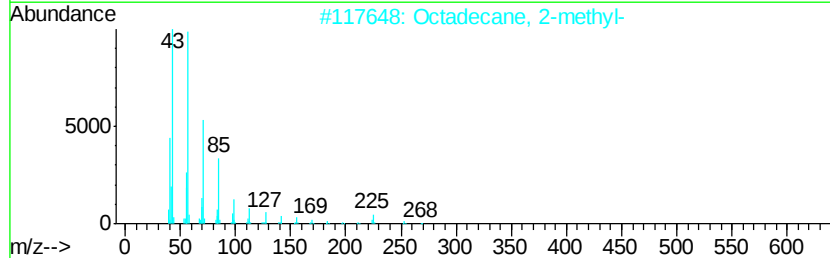
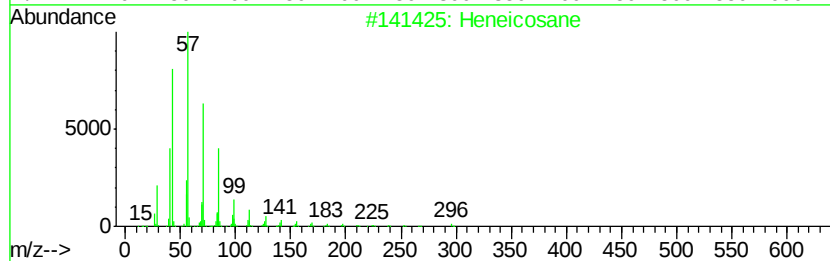
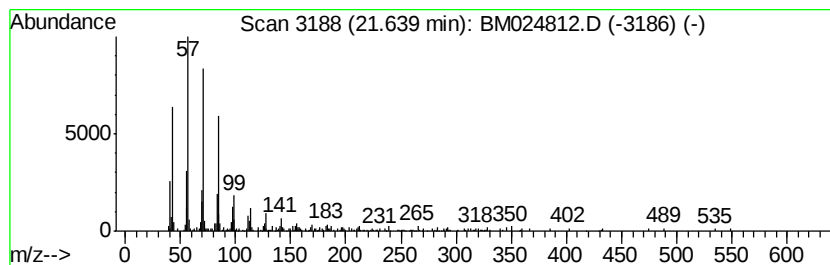
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	2.15 ng/ul	439809	Chrysene-d12	21.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heneicosane	296 C21H44	000629-94-7 91
2		Octadecane, 2-methyl-	268 C19H40	001560-88-9 91
3		Tetratetracontane	619 C44H90	007098-22-8 91
4		Hexatriacontane	507 C36H74	000630-06-8 91
5		Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6 90



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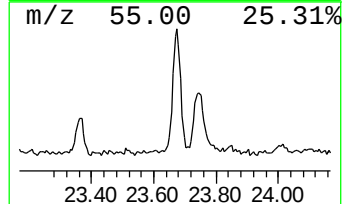
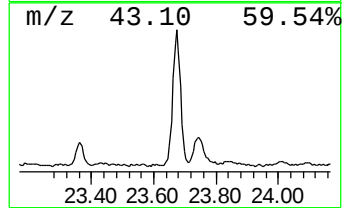
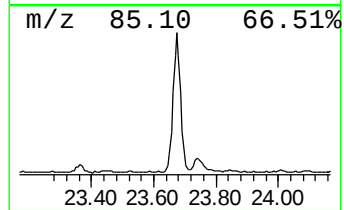
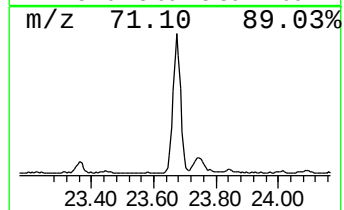
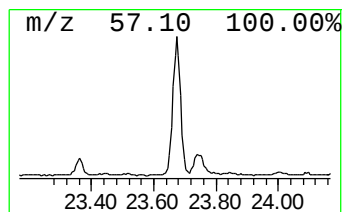
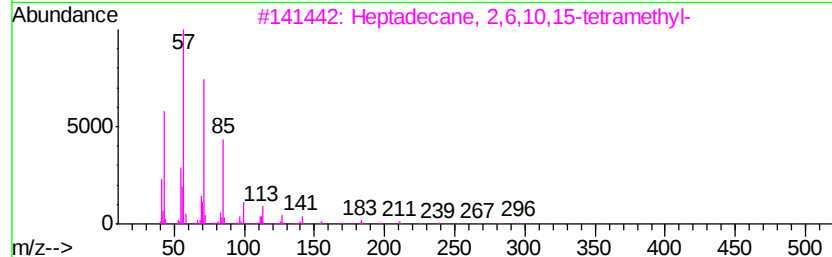
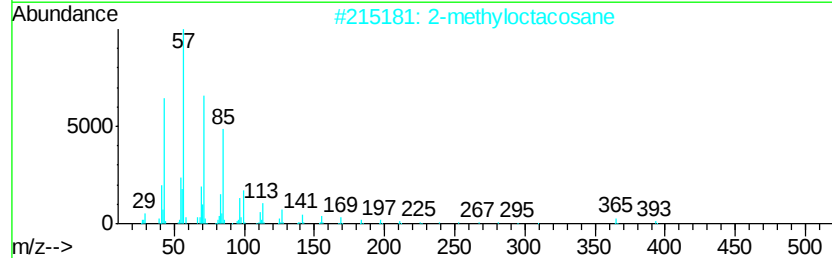
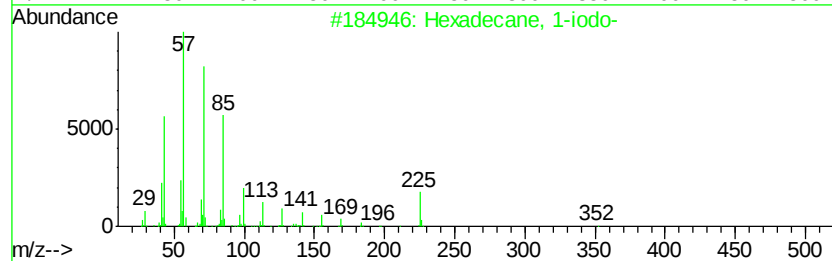
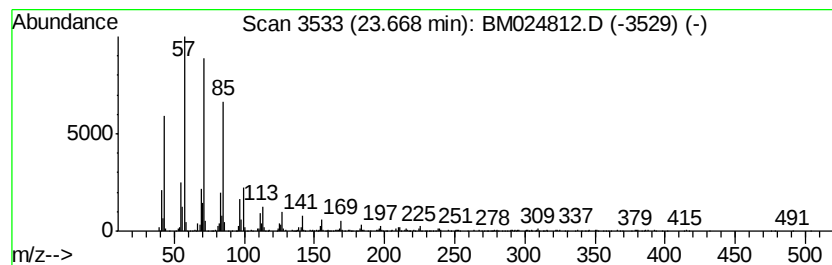
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Peak Number 3 Hexadecane, 1-iodo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	6.64 ng/ul	1308400	Perylene-d12	23.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024812.D
Acq On : 10 Feb 2020 17:28
Operator : CG/JU
Sample : L1402-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6L5

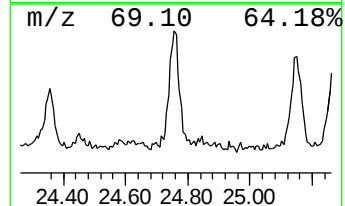
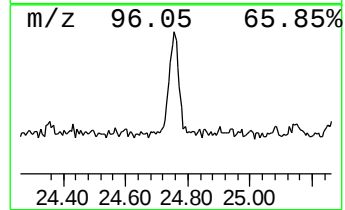
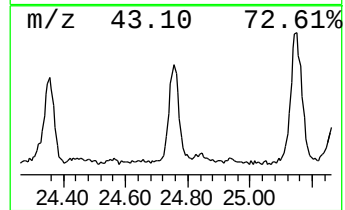
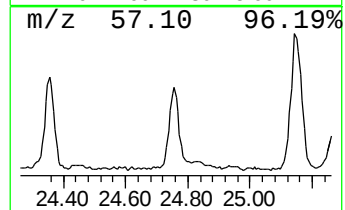
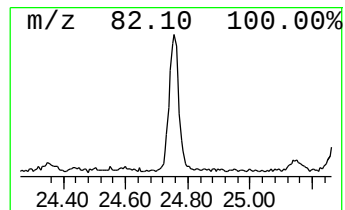
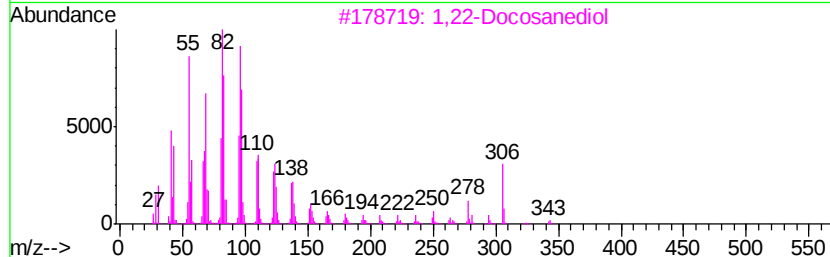
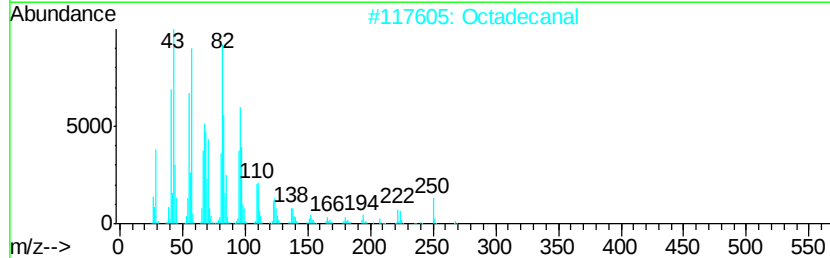
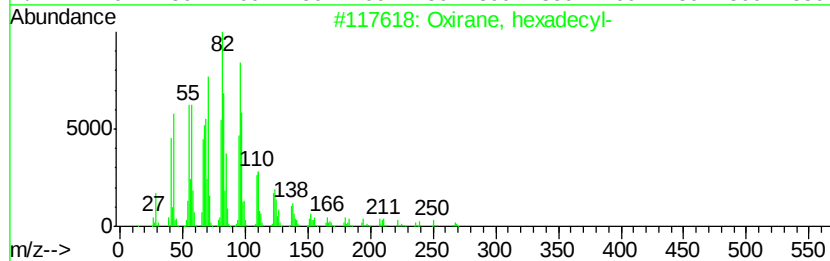
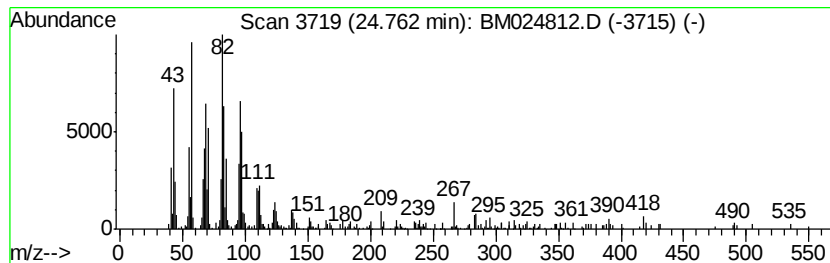
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Oxirane, hexadecyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.76	3.90 ng/ul	768415	Perylene-d12	23.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	98
2			Octadecanal	268	C18H36O	000638-66-4	91
3			1,22-Docosanediol	342	C22H46O2	022513-81-1	91
4			E-11(13-Methyl)tetradecen-1-ol a...	268	C17H32O2	1000130-80-4	86
5			Octadecanal	268	C18H36O	000638-66-4	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024812.D
Acq On : 10 Feb 2020 17:28
Operator : CG/JU
Sample : L1402-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6L5

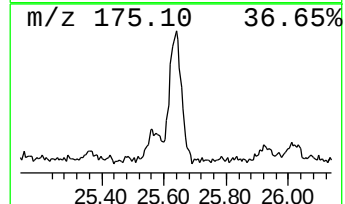
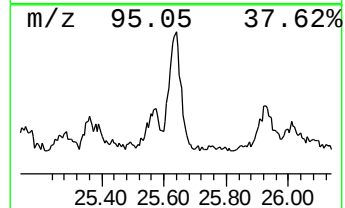
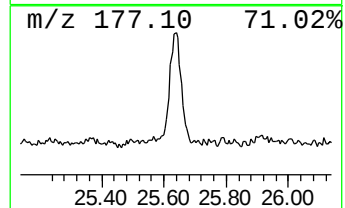
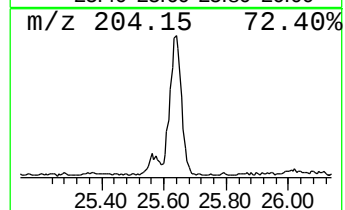
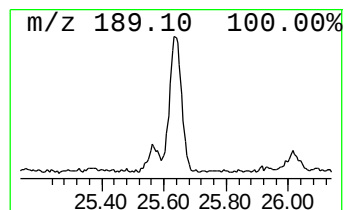
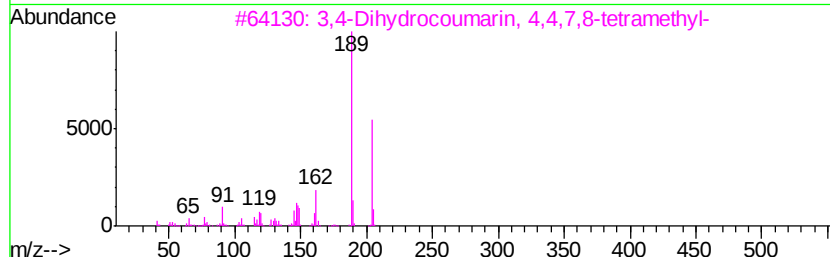
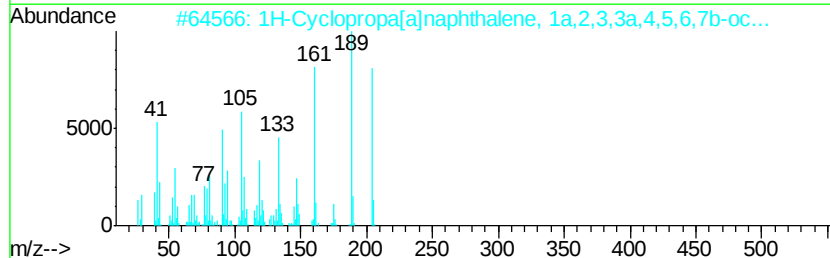
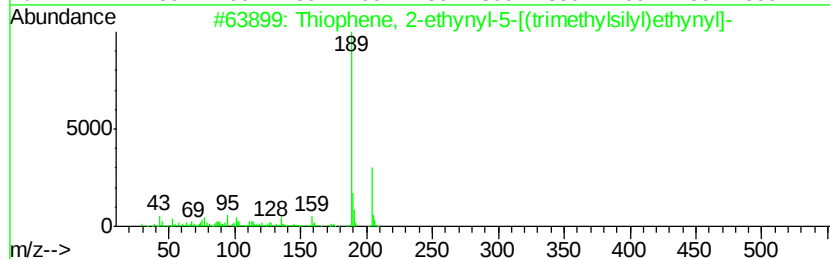
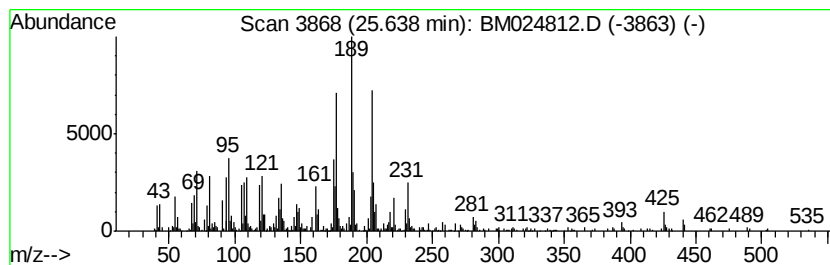
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.64	6.34 ng/ul	1250610	Perylene-d12	23.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Thiophene, 2-ethynyl-5-[(trimeth...	204	C11H12SSi	182323-29-1	49
2		1H-Cyclopropa[alnaphthalene, 1a,...	204	C15H24	000489-29-2	46
3		3,4-Dihydrocoumarin, 4,4,7,8-tet...	204	C13H16O2	040614-36-6	43
4		Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	43
5		Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021020\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6L5

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
(DEL) Alkane: Cyc...	20.78	3.5	ng/ul	714755	5	21.02	4088260	20.0
(DEL) Alkane: Str...	21.64	2.1	ng/ul	439809	5	21.02	4088260	20.0
Hexadecane, 1-iodo-	23.67	6.6	ng/ul	1308400	6	23.12	3943290	20.0
Oxirane, hexadecyl-	24.76	3.9	ng/ul	768415	6	23.12	3943290	20.0
unknown-01	25.64	6.3	ng/ul	1250610	6	23.12	3943290	20.0