

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024790.D
 Acq On : 08 Feb 2020 09:04
 Operator : CG/JU
 Sample : L1400-10
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6H6

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	rVB	48062	56597	0.98%	0.063%
2	3.628	121	126	133	rBV3	23156	38223	0.66%	0.043%
3	3.710	136	140	147	rVB2	37121	46471	0.80%	0.052%
4	3.928	172	177	181	rBV2	30555	40270	0.70%	0.045%
5	4.593	285	290	300	rBV	36891	62552	1.08%	0.070%
6	6.598	625	631	644	rVB	781298	1227367	21.25%	1.376%
7	6.757	651	658	673	rBV	715592	1098702	19.02%	1.232%
8	6.946	684	690	699	rBV	916360	1406482	24.35%	1.577%
9	7.404	761	768	778	rBV	1103996	1679024	29.07%	1.882%
10	8.116	881	889	901	rBV	1043717	1631526	28.25%	1.829%
11	8.540	951	961	975	rVV	850873	1378286	23.86%	1.545%
12	8.734	987	994	1002	rBV	67461	105142	1.82%	0.118%
13	9.034	1040	1045	1052	rBV	130144	193363	3.35%	0.217%
14	9.257	1076	1083	1091	rBV	756125	1200492	20.79%	1.346%
15	9.792	1168	1174	1187	rVV	1140793	1873368	32.44%	2.100%
16	10.157	1230	1236	1243	rBV	1422824	2358456	40.84%	2.644%
17	10.304	1253	1261	1282	rBV	978406	1775113	30.74%	1.990%
18	11.639	1477	1488	1493	rBV3	24374	45270	0.78%	0.051%
19	11.763	1504	1509	1515	rBV2	25507	42898	0.74%	0.048%
20	11.833	1515	1521	1528	rBV	32057	55190	0.96%	0.062%
21	12.057	1554	1559	1567	rVB	27483	44293	0.77%	0.050%
22	12.916	1695	1705	1709	rBV4	33887	53695	0.93%	0.060%
23	13.374	1778	1783	1788	rBV2	27417	46887	0.81%	0.053%
24	13.480	1795	1801	1807	rVV	2342485	3159388	54.70%	3.541%
25	13.527	1807	1809	1814	rVB	33690	39335	0.68%	0.044%
26	13.739	1839	1845	1859	rVV	2394485	3570305	61.82%	4.002%
27	14.057	1893	1899	1906	rVV	2379233	3355775	58.11%	3.762%
28	14.121	1906	1910	1914	rVV	40722	58588	1.01%	0.066%
29	14.280	1931	1937	1952	rBV	711877	1202746	20.83%	1.348%
30	14.463	1964	1968	1973	rBV3	35653	62300	1.08%	0.070%
31	15.063	2063	2070	2075	rVV	3198443	4542983	78.66%	5.092%
32	15.110	2075	2078	2085	rVB2	72132	115024	1.99%	0.129%
33	15.192	2085	2092	2104	rBV	918970	1355920	23.48%	1.520%
34	15.304	2104	2111	2115	rVB4	37587	70868	1.23%	0.079%

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35	15.416	2126	2130	2136	rBV2	28358	39755	0.69%	0.045%
36	15.568	2151	2156	2161	rVV3	26334	61976	1.07%	0.069%
37	16.127	2241	2251	2256	rBV10	18976	50143	0.87%	0.056%
38	16.374	2286	2293	2294	rBV4	30657	53932	0.93%	0.060%
39	16.468	2305	2309	2312	rBV2	25116	36931	0.64%	0.041%
40	16.557	2318	2324	2329	rBV4	25286	55360	0.96%	0.062%
41	16.627	2333	2336	2341	rVV	66721	86836	1.50%	0.097%
42	16.810	2360	2367	2371	rBV	2902607	3967856	68.70%	4.448%
43	16.851	2371	2374	2379	rVB	734147	933065	16.16%	1.046%
44	16.910	2379	2384	2389	rBV	3255050	4536214	78.54%	5.085%
45	17.221	2432	2437	2443	rBV	50595	116448	2.02%	0.131%
46	17.398	2464	2467	2471	rVB3	28256	36120	0.63%	0.040%
47	17.692	2511	2517	2520	rBV	129666	199774	3.46%	0.224%
48	17.739	2520	2525	2534	rVB	185888	291498	5.05%	0.327%
49	17.815	2534	2538	2543	rBV	76507	108933	1.89%	0.122%
50	17.874	2543	2548	2553	rBV2	201535	355306	6.15%	0.398%
51	17.915	2553	2555	2560	rVB	108063	137147	2.37%	0.154%
52	18.057	2574	2579	2582	rBV4	34348	43844	0.76%	0.049%
53	18.198	2598	2603	2607	rBV	116687	168961	2.93%	0.189%
54	18.451	2642	2646	2651	rVV4	55239	105894	1.83%	0.119%
55	18.498	2651	2654	2657	rVV	51915	70802	1.23%	0.079%
56	18.539	2657	2661	2665	rVB2	42921	59028	1.02%	0.066%
57	18.621	2670	2675	2680	rBV2	134132	211099	3.66%	0.237%
58	18.680	2680	2685	2687	rBV3	59694	102110	1.77%	0.114%
59	18.756	2694	2698	2706	rVB2	111849	206740	3.58%	0.232%
60	18.880	2711	2719	2725	rBV	1779949	2303970	39.89%	2.583%
61	18.962	2729	2733	2735	rBV2	37131	45984	0.80%	0.052%
62	19.033	2742	2745	2750	rVB2	42938	53718	0.93%	0.060%
63	19.104	2750	2757	2758	rBV4	41609	71194	1.23%	0.080%
64	19.215	2770	2776	2779	rBV	4068067	5691680	98.55%	6.380%
65	19.245	2779	2781	2786	rVV	1580808	1754663	30.38%	1.967%
66	19.286	2786	2788	2791	rVV3	72200	83742	1.45%	0.094%
67	19.321	2791	2794	2802	rVB2	90207	187230	3.24%	0.210%
68	19.433	2809	2813	2816	rBV	99080	122076	2.11%	0.137%
69	19.586	2833	2839	2844	rBV2	152464	311978	5.40%	0.350%
70	19.668	2851	2853	2857	rBV4	27944	36734	0.64%	0.041%
71	19.715	2857	2861	2863	rVV3	135071	204178	3.54%	0.229%

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72	19.751	2864	2867	2871	rVB2	217419	299836	5.19%	0.336%
73	19.827	2877	2880	2882	rBV2	58524	60100	1.04%	0.067%
74	19.856	2882	2885	2888	rVB	100822	119878	2.08%	0.134%
75	19.909	2889	2894	2899	rBV2	233281	367578	6.36%	0.412%
76	20.045	2914	2917	2921	rBV	153747	184179	3.19%	0.206%
77	20.092	2922	2925	2931	rBV2	127253	172724	2.99%	0.194%
78	20.503	2991	2995	3001	rBV	177910	252015	4.36%	0.282%
79	20.709	3027	3030	3033	rBV	148319	158384	2.74%	0.178%
80	20.739	3033	3035	3038	rVV	102002	109071	1.89%	0.122%
81	20.780	3038	3042	3054	rVB3	790411	1268448	21.96%	1.422%
82	21.021	3077	3083	3087	rBV2	3757471	5775360	100.00%	6.474%
83	21.056	3087	3089	3098	rVB	945995	1201269	20.80%	1.347%
84	21.227	3116	3118	3123	rBV4	123018	139138	2.41%	0.156%
85	21.562	3173	3175	3180	rVB	228541	217006	3.76%	0.243%
86	21.650	3186	3190	3197	rBV5	410697	688058	11.91%	0.771%
87	22.086	3261	3264	3269	rVB	234512	279534	4.84%	0.313%
88	22.292	3296	3299	3307	rVB2	461598	603668	10.45%	0.677%
89	22.509	3331	3336	3340	rBV	970743	1949404	33.75%	2.185%
90	22.556	3341	3344	3347	rVV2	971165	1426845	24.71%	1.599%
91	22.592	3347	3350	3358	rVB2	782545	1202559	20.82%	1.348%
92	22.944	3406	3410	3413	rBV	446262	702536	12.16%	0.787%
93	22.997	3413	3419	3423	rVV	2616809	4570787	79.14%	5.124%
94	23.033	3423	3425	3430	rVV	557450	721087	12.49%	0.808%
95	23.086	3430	3434	3436	rVV2	271081	412153	7.14%	0.462%
96	23.127	3436	3441	3447	rVB	2312096	3840986	66.51%	4.305%
97	23.362	3478	3481	3488	rVB3	406018	630617	10.92%	0.707%
98	23.680	3530	3535	3541	rVB	835323	1366918	23.67%	1.532%
99	23.744	3542	3546	3558	rVB	617820	1232304	21.34%	1.381%
100	25.162	3781	3787	3799	rVB3	817940	2363282	40.92%	2.649%

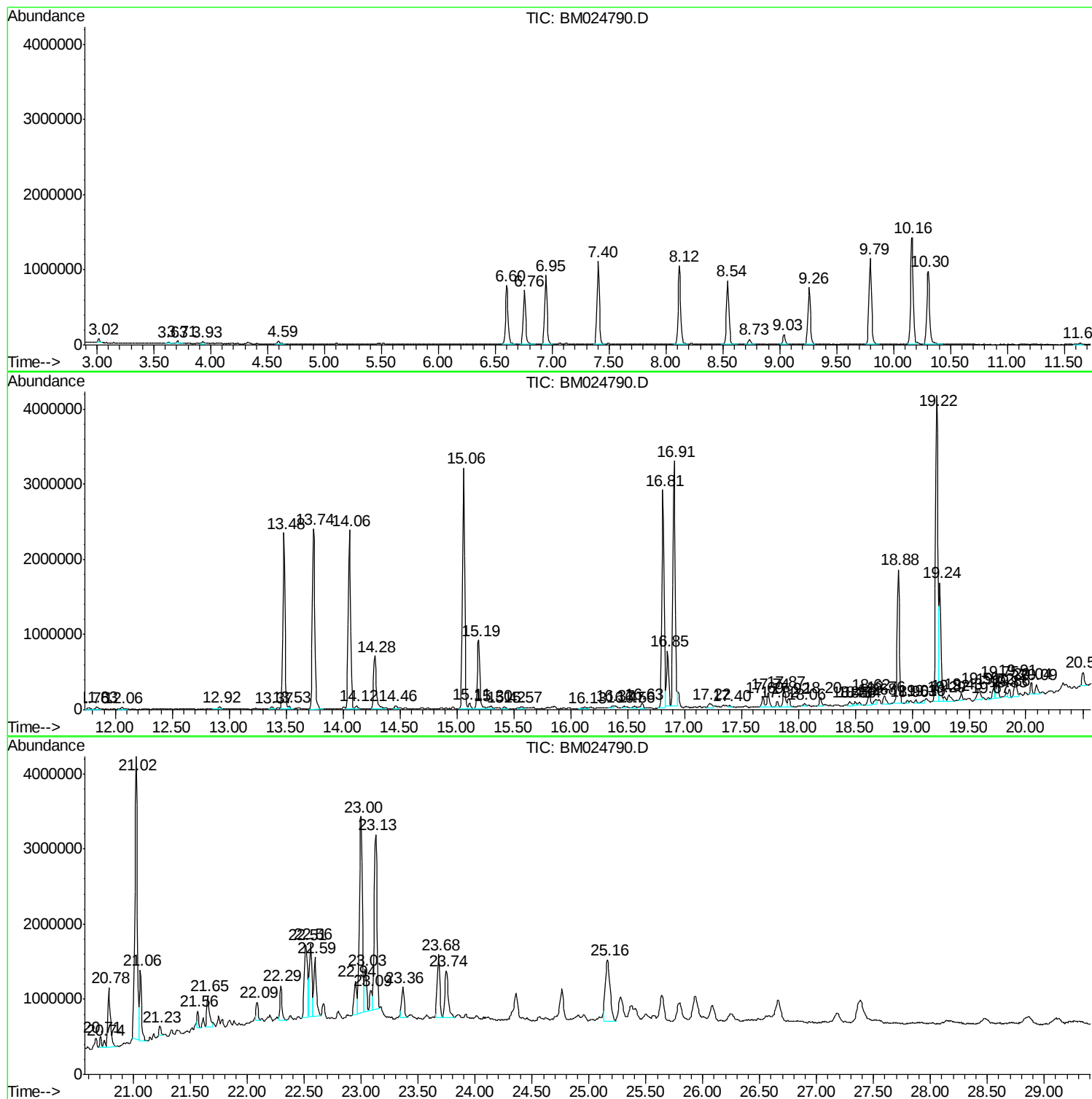
Sum of corrected areas: 89211542

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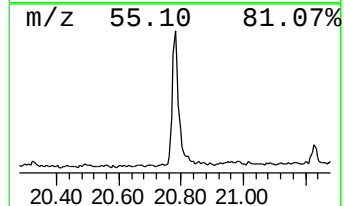
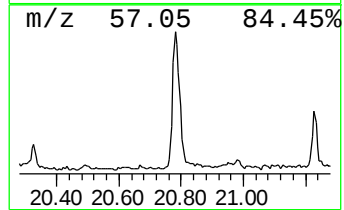
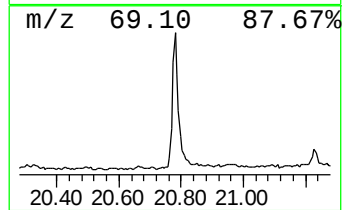
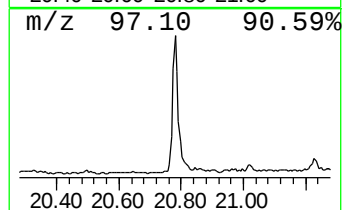
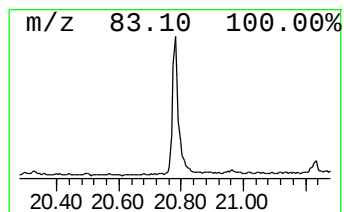
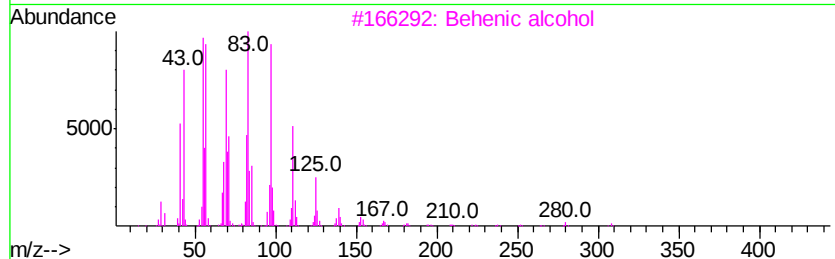
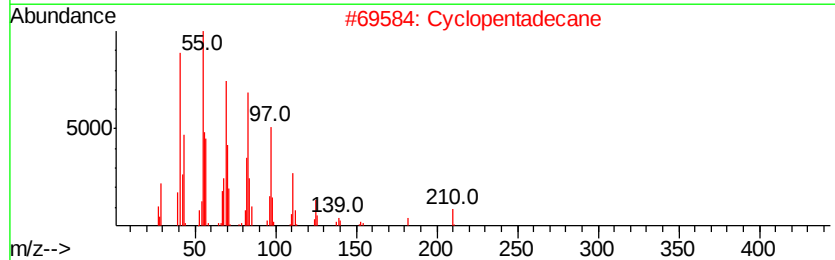
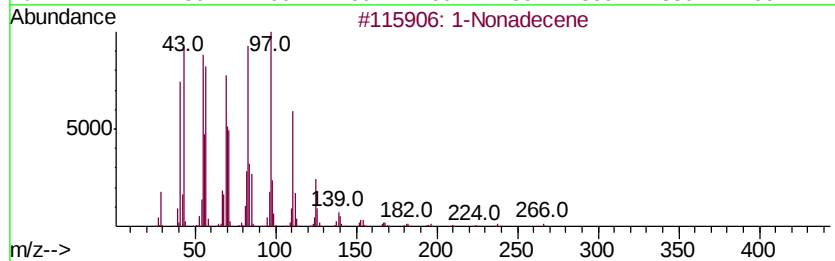
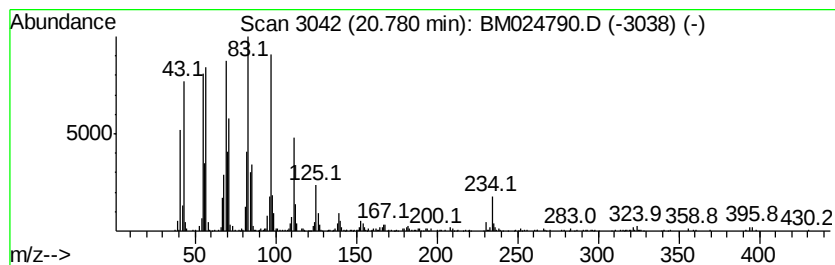
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	4.39 ng/ul	1268450	Chrysene-d12	21.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	99
2			Cyclopentadecane	210	C15H30	000295-48-7	97
3			Behenic alcohol	326	C22H46O	000661-19-8	94
4			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5			1-Heneicosanol	312	C21H44O	015594-90-8	93



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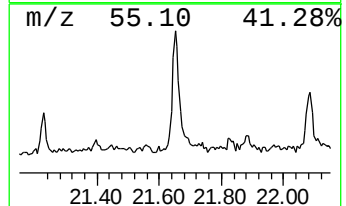
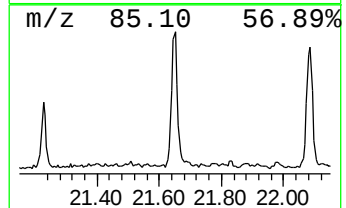
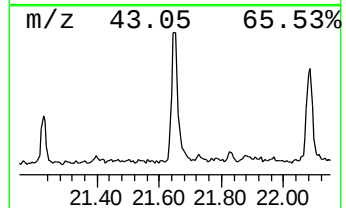
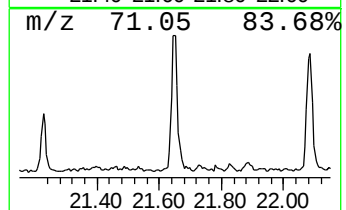
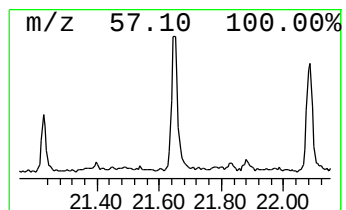
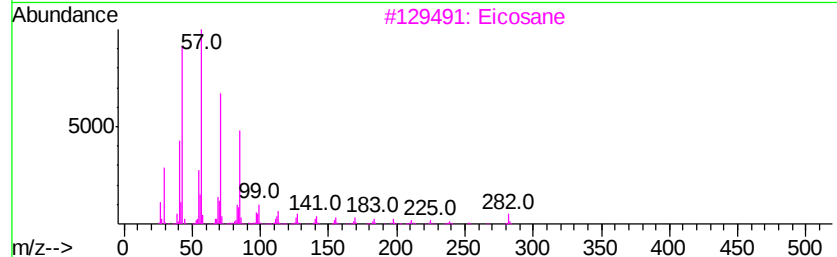
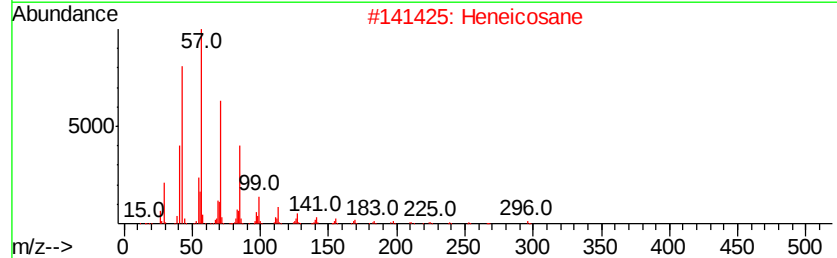
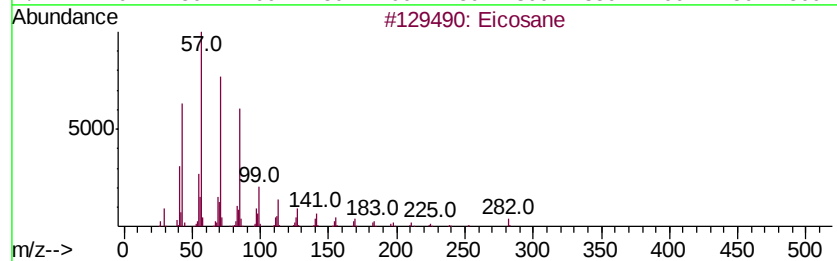
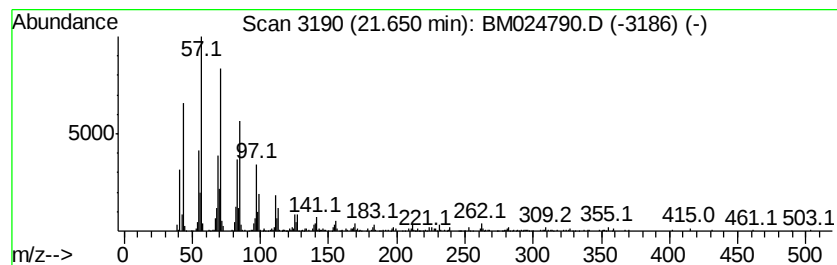
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.		
21.65	2.38 ng/ul	688058	Chrysene-d12		21.02		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	98
2	Heneicosane			296	C21H44	000629-94-7	94
3	Eicosane			282	C20H42	000112-95-8	93
4	Eicosane			282	C20H42	000112-95-8	93
5	Sulfurous acid, butyl heptadecyl...			376	C21H44O3S	1000309-18-4	91



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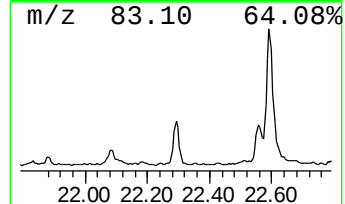
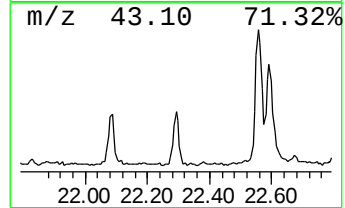
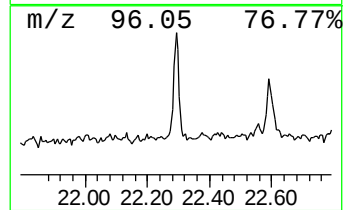
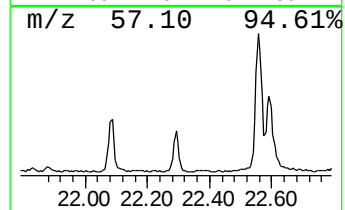
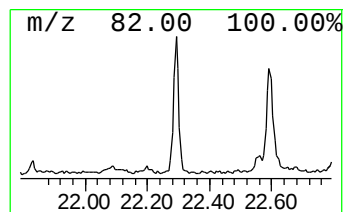
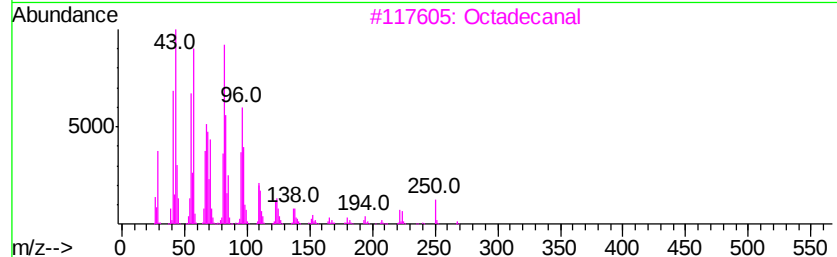
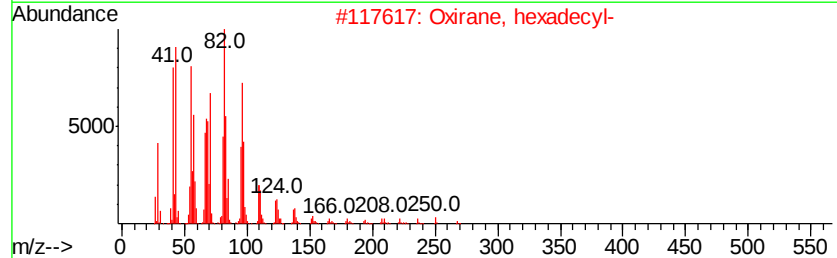
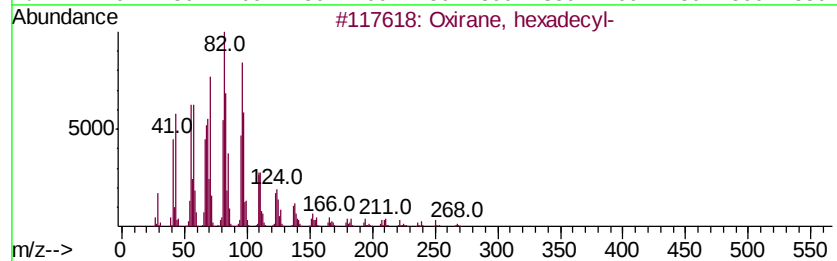
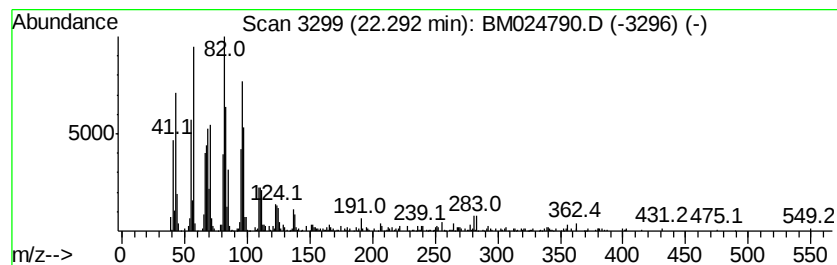
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Peak Number 3 Oxirane, hexadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
22.29	3.14 ng/ul	603668	Perylene-d12		23.13	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	99
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
3		Octadecanal	268	C18H36O	000638-66-4	94
4		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5		Octadecanal	268	C18H36O	000638-66-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024790.D
Acq On : 08 Feb 2020 09:04
Operator : CG/JU
Sample : L1400-10
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6H6

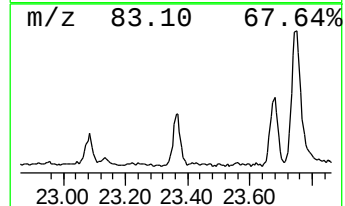
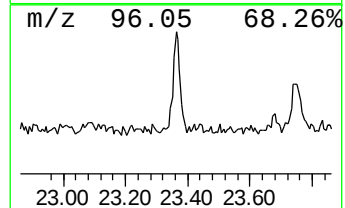
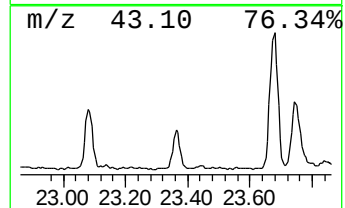
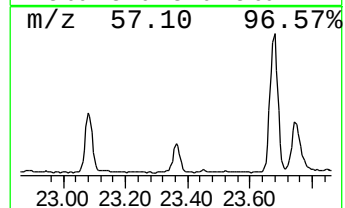
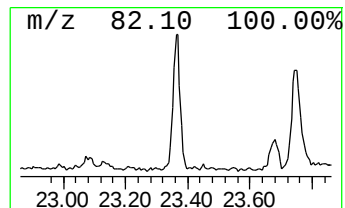
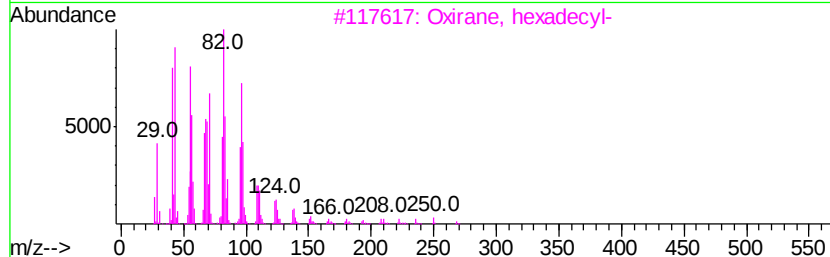
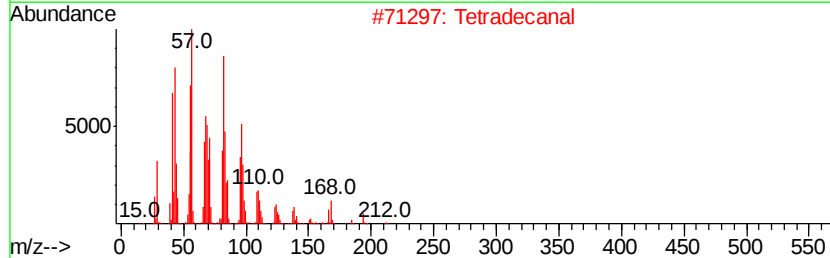
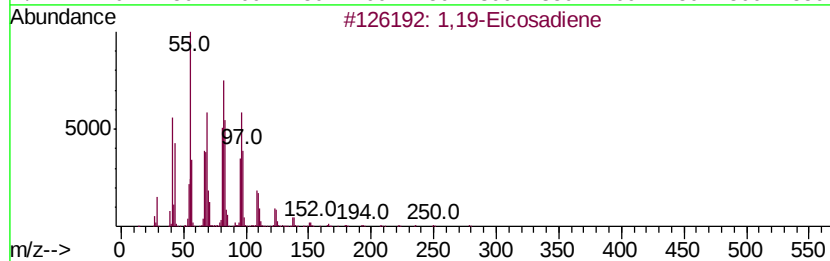
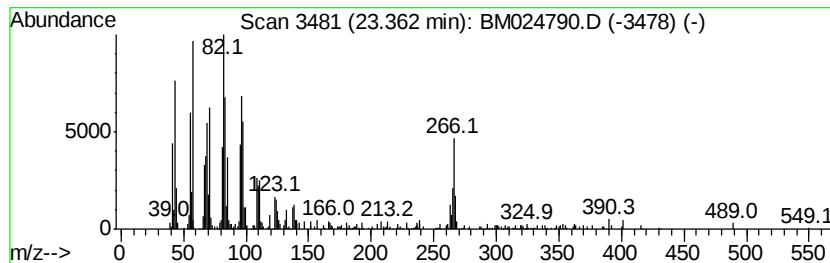
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,19-Eicosadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	3.28 ng/ul	630617	Perylene-d12	23.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene		278	C20H38	014811-95-1	86
2	Tetradecanal		212	C14H28O	000124-25-4	83
3	Oxirane, hexadecyl-		268	C18H36O	007390-81-0	76
4	Octadecanal		268	C18H36O	000638-66-4	68
5	Hexadecanal		240	C16H32O	000629-80-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024790.D
Acq On : 08 Feb 2020 09:04
Operator : CG/JU
Sample : L1400-10
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6H6

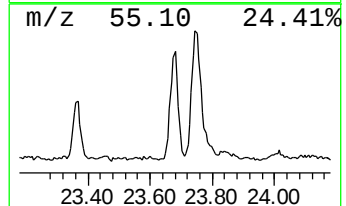
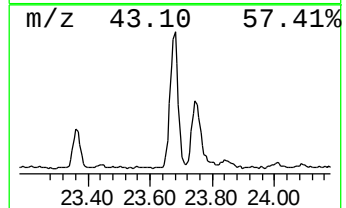
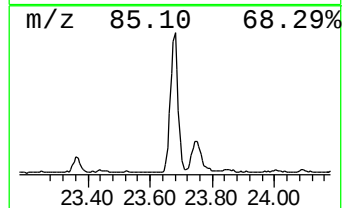
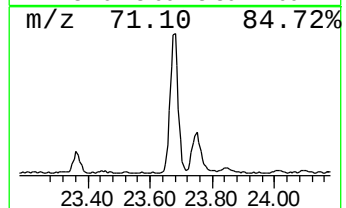
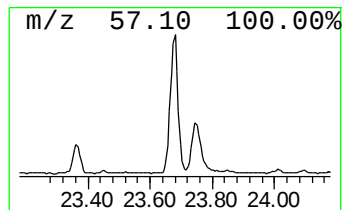
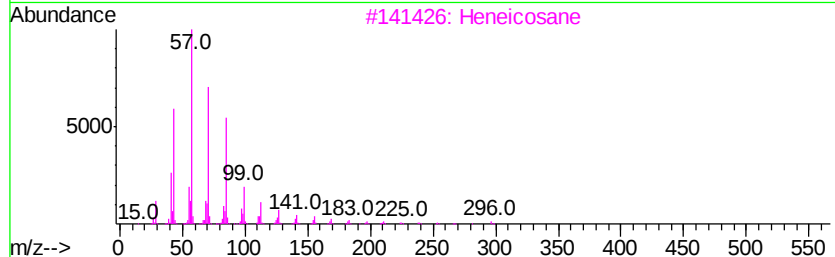
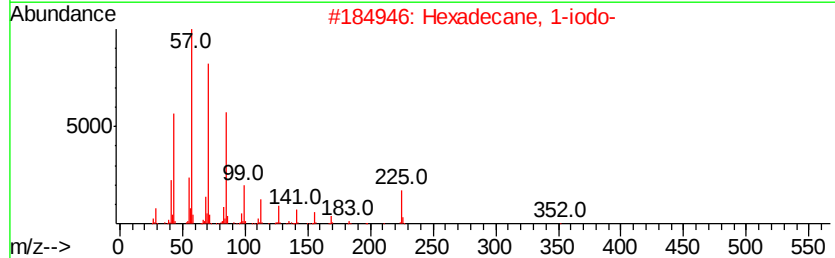
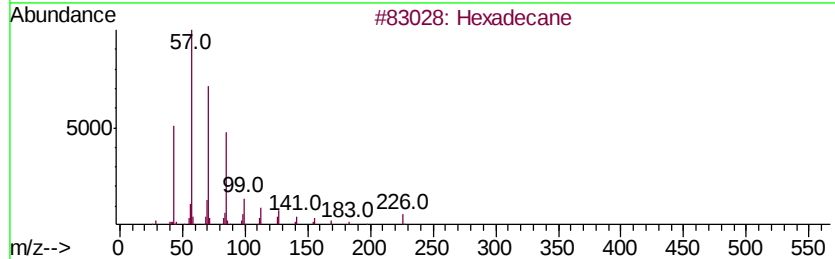
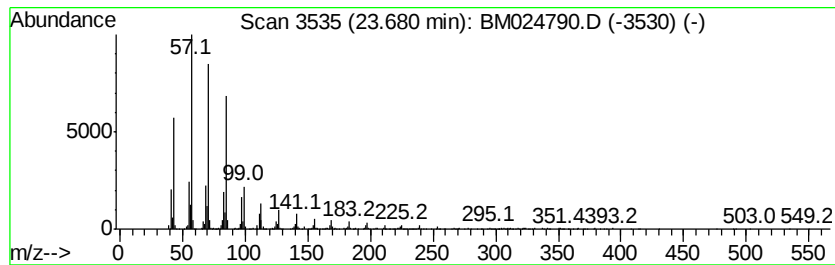
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Quant Title : SVOA CALIBRATION

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.
23.68	7.12 ng/ul	1366920	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024790.D
Acq On : 08 Feb 2020 09:04
Operator : CG/JU
Sample : L1400-10
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6H6

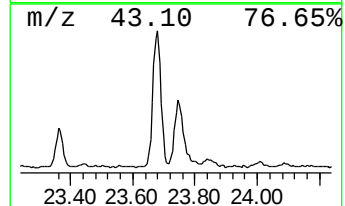
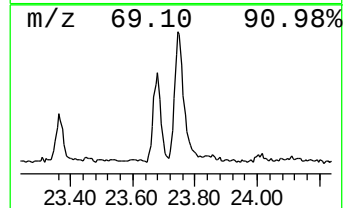
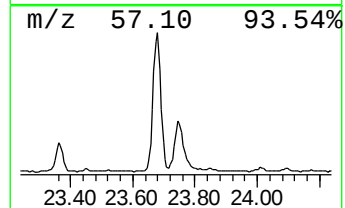
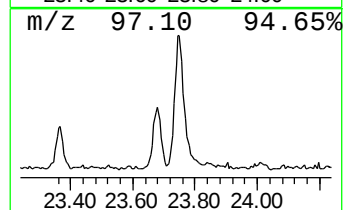
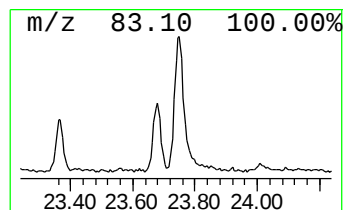
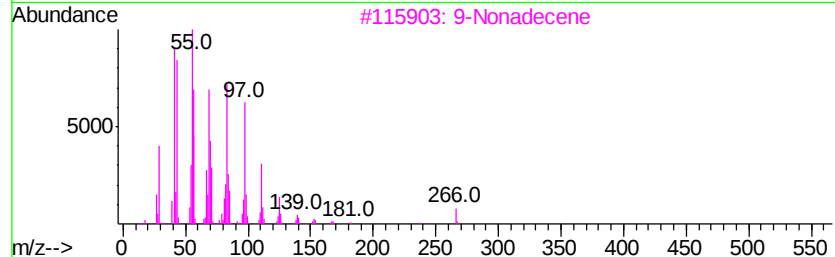
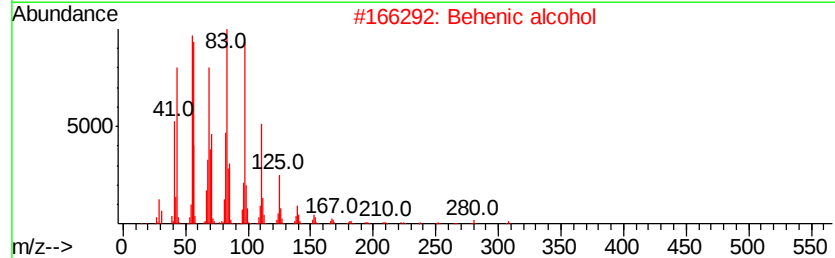
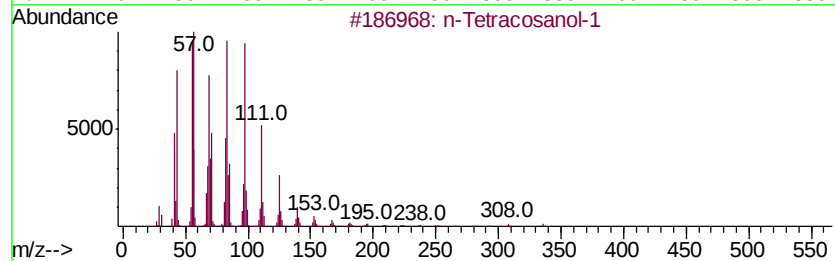
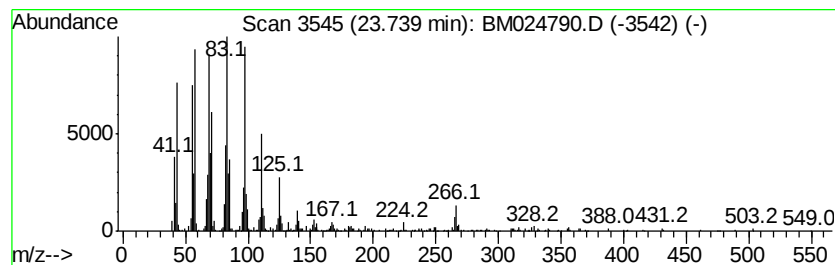
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	6.42 ng/ul	1232300	Perylene-d12	23.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1		354	C24H50O	000506-51-4	95
2	Behenic alcohol		326	C22H46O	000661-19-8	94
3	9-Nonadecene		266	C19H38	031035-07-1	93
4	n-Nonadecanol-1		284	C19H40O	001454-84-8	91
5	Z-5-Nonadecene		266	C19H38	1000131-11-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020620\
Data File : BM024790.D
Acq On : 08 Feb 2020 09:04
Operator : CG/JU
Sample : L1400-10
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6H6

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: Str...	20.78	4.4	ng/ul	1268450	5	21.02	5775360	20.0
(DEL) Alkane: Str...	21.65	2.4	ng/ul	688058	5	21.02	5775360	20.0
Oxirane, hexadecyl-	22.29	3.1	ng/ul	603668	6	23.13	3840990	20.0
1,19-Eicosadiene	23.36	3.3	ng/ul	630617	6	23.13	3840990	20.0
(DEL) Alkane: Str...	23.68	7.1	ng/ul	1366920	6	23.13	3840990	20.0
n-Tetracosanol-1	23.74	6.4	ng/ul	1232300	6	23.13	3840990	20.0