

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024799.D
 Acq On : 08 Feb 2020 15:03
 Operator : CG/JU
 Sample : L1400-18
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6T5

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	3.011	18	21	28	rVB	46170	59960	1.14%	0.075%
2	3.711	135	140	147	rVB	32236	48512	0.92%	0.061%
3	3.928	174	177	185	rVB2	22686	35946	0.68%	0.045%
4	4.593	286	290	295	rBV	24268	35476	0.67%	0.044%
5	6.599	625	631	645	rVB	731277	1122129	21.34%	1.402%
6	6.757	649	658	670	rBV	659011	1029217	19.58%	1.286%
7	6.946	681	690	706	rBV	834306	1338841	25.47%	1.673%
8	7.404	761	768	778	rBV	1064713	1636390	31.13%	2.044%
9	8.116	882	889	901	rBV	970592	1547578	29.44%	1.933%
10	8.540	954	961	972	rBV	798916	1276088	24.27%	1.594%
11	8.734	988	994	1002	rBV2	60739	100279	1.91%	0.125%
12	9.034	1039	1045	1051	rBV	208505	299852	5.70%	0.375%
13	9.257	1076	1083	1091	rBV	679104	1097397	20.87%	1.371%
14	9.792	1168	1174	1190	rVV	1052138	1736978	33.04%	2.170%
15	10.157	1230	1236	1243	rBV	1403978	2335771	44.43%	2.918%
16	10.210	1243	1245	1251	rVB	27318	33151	0.63%	0.041%
17	10.298	1254	1260	1278	rVV	895667	1628686	30.98%	2.035%
18	11.228	1413	1418	1429	rVB5	16550	34466	0.66%	0.043%
19	11.528	1463	1469	1478	rVB3	21594	40442	0.77%	0.051%
20	11.639	1478	1488	1496	rBV4	28700	58337	1.11%	0.073%
21	11.763	1504	1509	1516	rBV2	26829	48015	0.91%	0.060%
22	11.834	1516	1521	1528	rVV	27017	45091	0.86%	0.056%
23	12.057	1556	1559	1565	rVB2	25415	40778	0.78%	0.051%
24	12.916	1701	1705	1709	rVB	37000	46805	0.89%	0.058%
25	13.380	1773	1784	1789	rBV3	40622	82492	1.57%	0.103%
26	13.480	1795	1801	1806	rVV	2161333	2858684	54.37%	3.572%
27	13.528	1806	1809	1813	rVV	44575	57863	1.10%	0.072%
28	13.739	1839	1845	1861	rVB	2134717	3183910	60.56%	3.978%
29	14.004	1887	1890	1893	rBV	31730	37979	0.72%	0.047%
30	14.057	1893	1899	1906	rVB	2255770	3278676	62.36%	4.096%
31	14.122	1906	1910	1920	rVB	60319	102825	1.96%	0.128%
32	14.280	1931	1937	1948	rBV	577514	1029694	19.59%	1.286%
33	14.463	1964	1968	1974	rBV2	47759	77293	1.47%	0.097%
34	14.551	1979	1983	1988	rVB2	27857	37435	0.71%	0.047%

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35	14.698	2003	2008	2012	rVB3	24395	38384	0.73%	0.048%
36	14.745	2012	2016	2024	rBV5	19483	38423	0.73%	0.048%
37	14.863	2030	2036	2039	rBV6	22373	34039	0.65%	0.043%
38	14.969	2050	2054	2059	rVB	28069	33571	0.64%	0.042%
39	15.057	2063	2069	2075	rVV	2896789	4093965	77.87%	5.115%
40	15.116	2075	2079	2084	rVB	86874	125165	2.38%	0.156%
41	15.192	2086	2092	2099	rBV	788022	1100832	20.94%	1.375%
42	15.304	2104	2111	2114	rVB4	29858	54868	1.04%	0.069%
43	15.416	2126	2130	2134	rBV	34737	40955	0.78%	0.051%
44	15.563	2150	2155	2162	rVV2	29360	72348	1.38%	0.090%
45	15.798	2191	2195	2199	rBV5	16992	34176	0.65%	0.043%
46	16.468	2304	2309	2318	rVB3	48749	95277	1.81%	0.119%
47	16.557	2320	2324	2329	rBV5	25482	51539	0.98%	0.064%
48	16.627	2332	2336	2341	rVV	77494	101716	1.93%	0.127%
49	16.810	2360	2367	2371	rBV	2884839	3873829	73.68%	4.840%
50	16.851	2371	2374	2379	rVV	943360	1211566	23.05%	1.514%
51	16.910	2379	2384	2388	rVV	3001289	4040698	76.86%	5.048%
52	16.945	2388	2390	2398	rVB2	208856	255468	4.86%	0.319%
53	17.016	2398	2402	2406	rBV6	21751	35825	0.68%	0.045%
54	17.221	2431	2437	2438	rBV	81078	109857	2.09%	0.137%
55	17.398	2464	2467	2472	rVB3	32955	45759	0.87%	0.057%
56	17.692	2511	2517	2521	rBV	131105	204023	3.88%	0.255%
57	17.733	2521	2524	2532	rVB	196331	281275	5.35%	0.351%
58	17.815	2534	2538	2543	rBV2	62799	86987	1.65%	0.109%
59	17.880	2543	2549	2553	rVV2	193133	347248	6.60%	0.434%
60	17.915	2553	2555	2564	rVB	109815	141328	2.69%	0.177%
61	18.057	2573	2579	2582	rBV3	46280	68573	1.30%	0.086%
62	18.192	2598	2602	2607	rBV2	141908	200020	3.80%	0.250%
63	18.451	2642	2646	2651	rBV3	50579	91067	1.73%	0.114%
64	18.504	2651	2655	2657	rVV	41581	56144	1.07%	0.070%
65	18.539	2658	2661	2665	rVB	39280	47277	0.90%	0.059%
66	18.621	2670	2675	2680	rBV	128284	201334	3.83%	0.252%
67	18.680	2680	2685	2686	rBV2	49367	70945	1.35%	0.089%
68	18.757	2694	2698	2706	rVB4	78963	146960	2.80%	0.184%
69	18.880	2714	2719	2725	rVB	1496704	1980355	37.67%	2.474%
70	19.215	2770	2776	2779	rBV	3579108	4869171	92.62%	6.083%
71	19.245	2779	2781	2785	rVV	1178164	1294567	24.62%	1.617%

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72	19.286	2785	2788	2791	rVV2	79782	93871	1.79%	0.117%
73	19.321	2791	2794	2803	rVB3	90561	184476	3.51%	0.230%
74	19.433	2810	2813	2817	rBV	74075	82836	1.58%	0.103%
75	19.586	2834	2839	2844	rBV3	103315	220356	4.19%	0.275%
76	19.715	2858	2861	2863	rBV3	80007	101551	1.93%	0.127%
77	19.751	2864	2867	2871	rVB2	187701	244352	4.65%	0.305%
78	19.827	2877	2880	2882	rBV2	84702	92035	1.75%	0.115%
79	19.851	2882	2884	2888	rVB	117299	130467	2.48%	0.163%
80	19.909	2890	2894	2898	rVV2	136135	182926	3.48%	0.229%
81	20.051	2915	2918	2921	rVB	68221	73980	1.41%	0.092%
82	20.327	2962	2965	2968	rBV	112775	125656	2.39%	0.157%
83	20.504	2992	2995	3000	rVB	124121	159369	3.03%	0.199%
84	20.704	3027	3029	3033	rBV	99358	113587	2.16%	0.142%
85	20.780	3038	3042	3055	rVV3	1048951	1634787	31.10%	2.042%
86	21.021	3077	3083	3087	rBV2	3703601	5257381	100.00%	6.568%
87	21.056	3087	3089	3097	rVB	702075	883671	16.81%	1.104%
88	21.227	3115	3118	3122	rBV	276521	309204	5.88%	0.386%
89	21.651	3186	3190	3195	rBV2	505456	708553	13.48%	0.885%
90	22.086	3261	3264	3268	rVB	322809	377412	7.18%	0.472%
91	22.292	3296	3299	3306	rVB	407823	518731	9.87%	0.648%
92	22.509	3332	3336	3340	rBV	638029	1208897	22.99%	1.510%
93	22.556	3341	3344	3347	rVV2	938341	1319536	25.10%	1.649%
94	22.592	3347	3350	3358	rVB3	905286	1422530	27.06%	1.777%
95	22.992	3413	3418	3423	rBV	2112619	3432254	65.28%	4.288%
96	23.080	3430	3433	3436	rBV	358121	516333	9.82%	0.645%
97	23.127	3436	3441	3457	rVB	2399988	4344595	82.64%	5.428%
98	23.674	3530	3534	3540	rVB	930104	1597904	30.39%	1.996%
99	23.744	3542	3546	3560	rVB	574278	1115907	21.23%	1.394%
100	25.162	3782	3787	3798	rVB3	570839	1589088	30.23%	1.985%

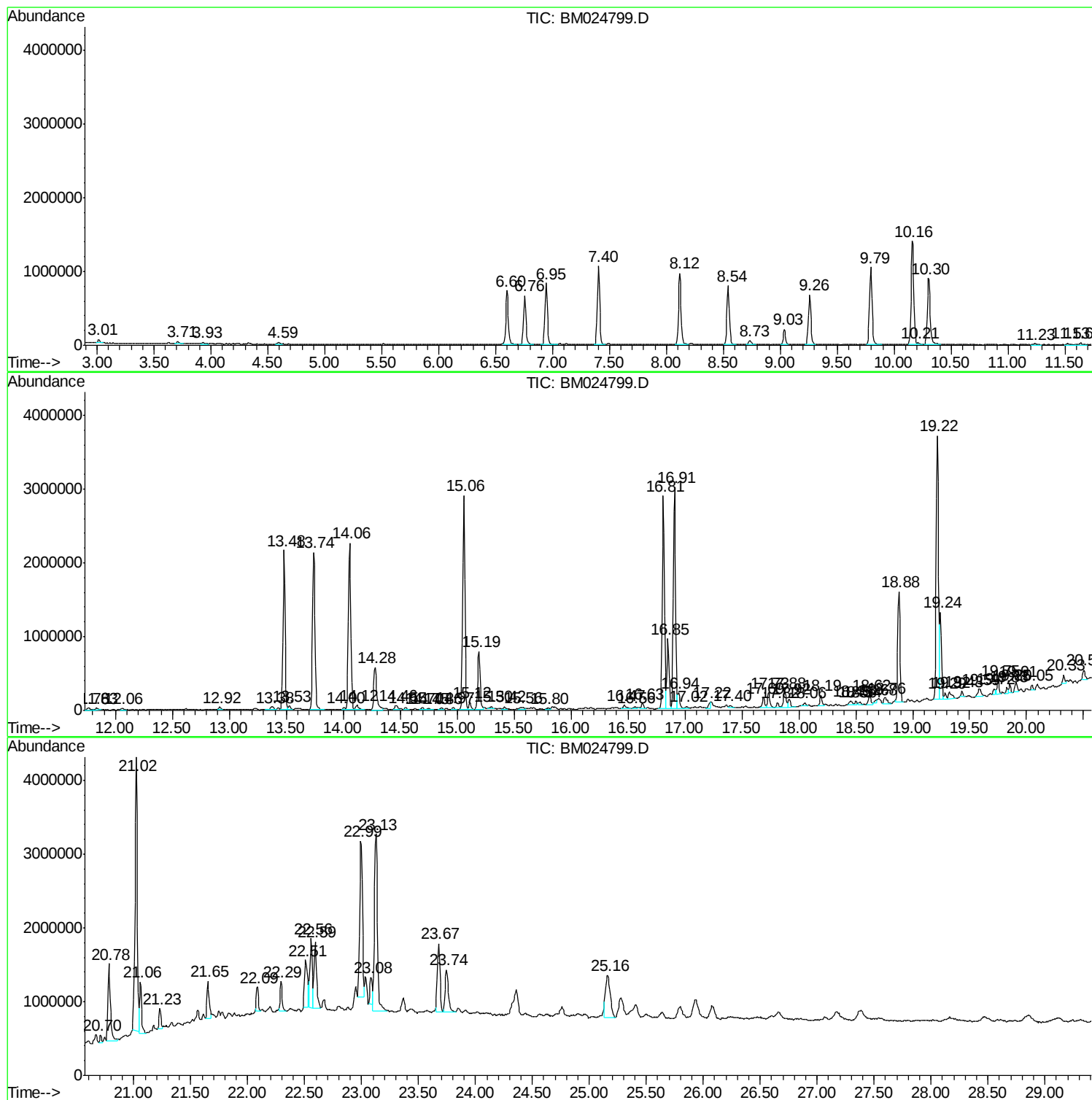
Sum of corrected areas: 80040815

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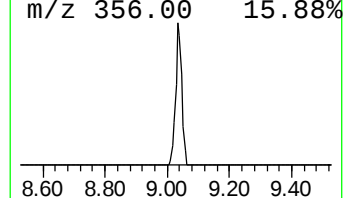
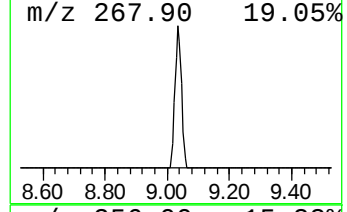
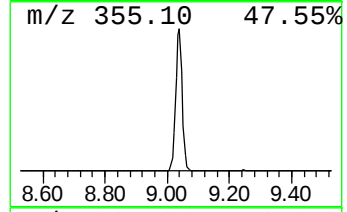
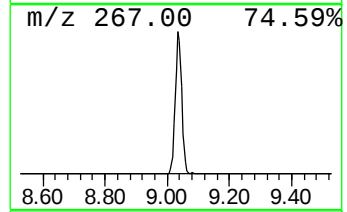
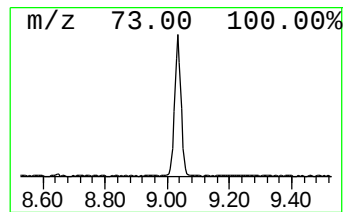
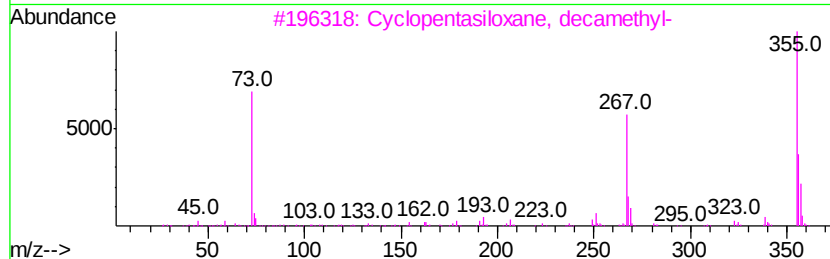
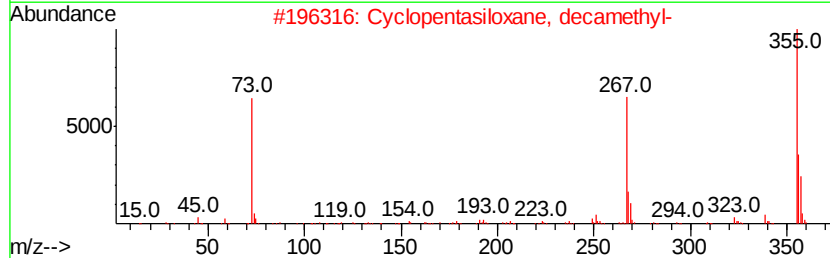
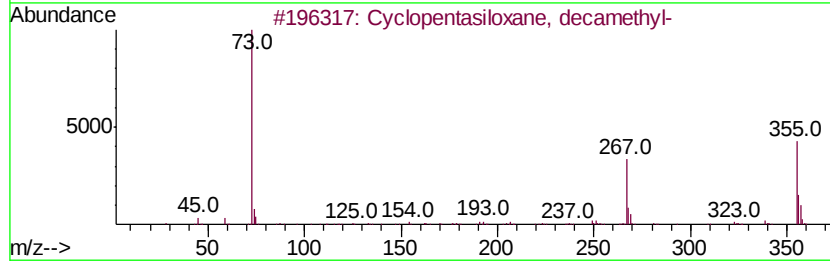
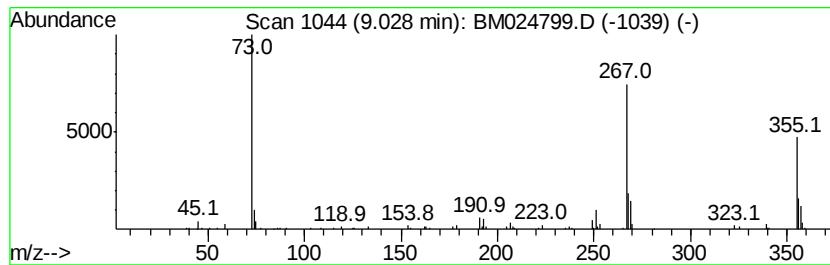
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Cyclopentasiloxane, decamet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	2.57 ng/ul	299852	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	49
4		m-Hydroxymandelic acid, tris(tri...	384	C17H32O4Si3	068595-69-7	47
5		Benzeneethanamine, N-butyl-.beta...	353	C18H35N02Si2	040629-66-1	47



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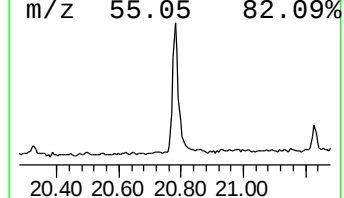
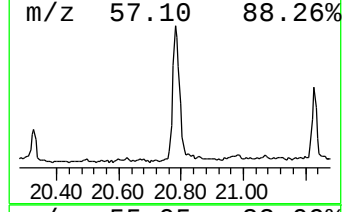
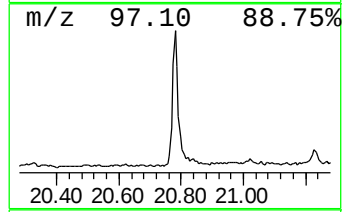
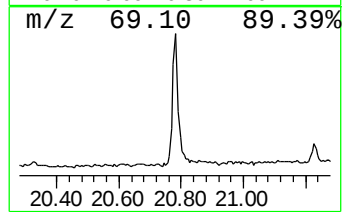
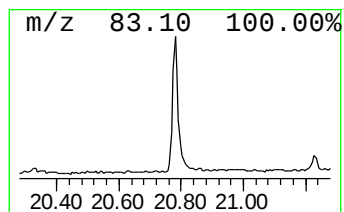
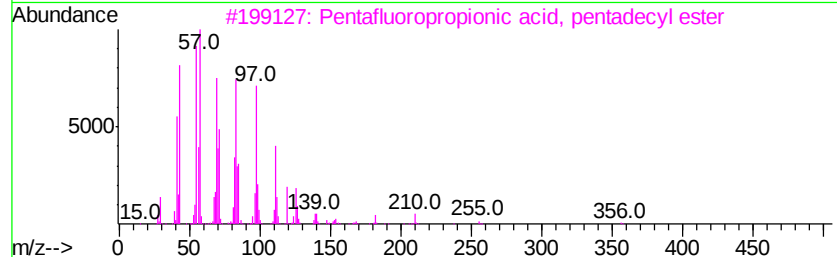
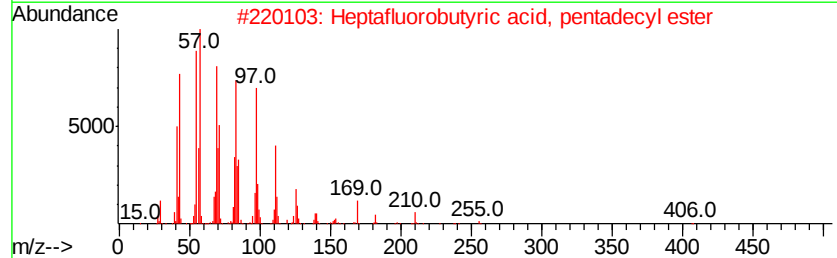
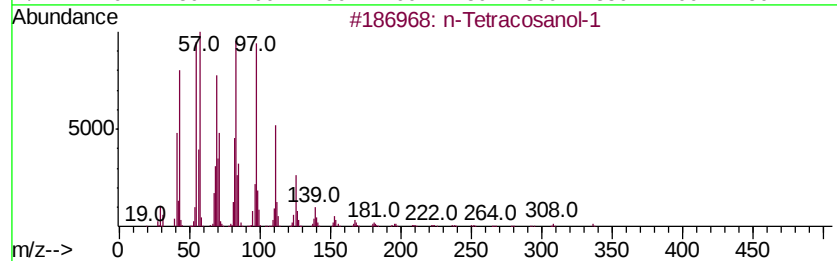
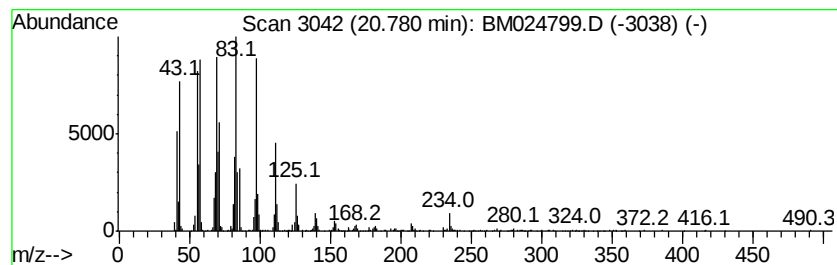
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Peak Number 2 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	6.22 ng/ul	1634790	Chrysene-d12	21.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Tetracosanol-1	354 C24H50O	000506-51-4	94
2	Heptafluorobutyric acid, pentade...	424 C19H31F7O2	959261-23-5	91
3	Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1	91
4	Nonadecyl trifluoroacetate	380 C21H39F3O2	1000351-76-3	91
5	Trifluoroacetic acid, pentadecyl...	324 C17H31F3O2	959010-23-2	91



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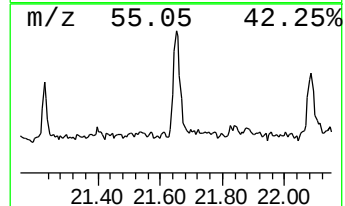
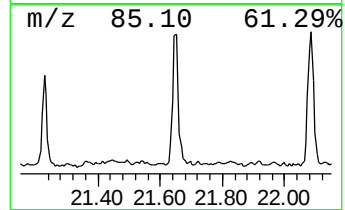
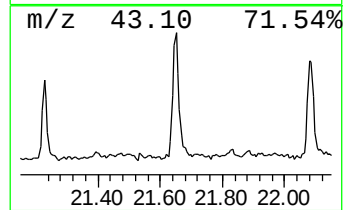
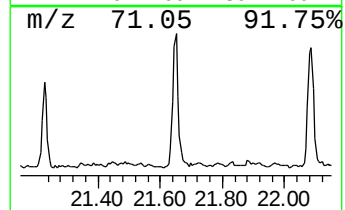
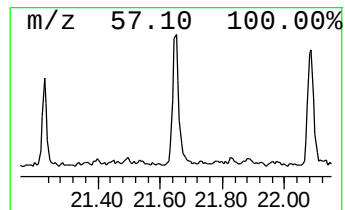
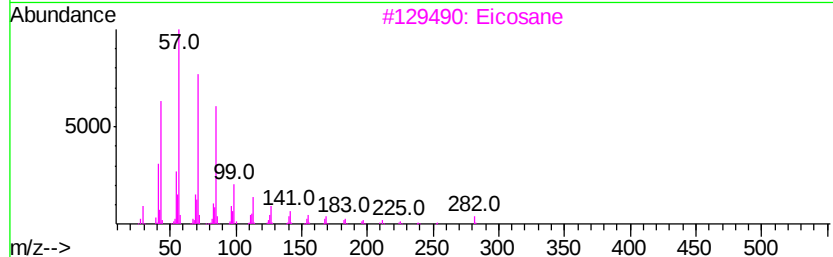
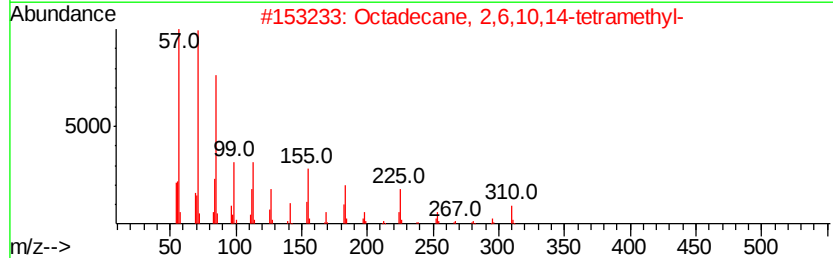
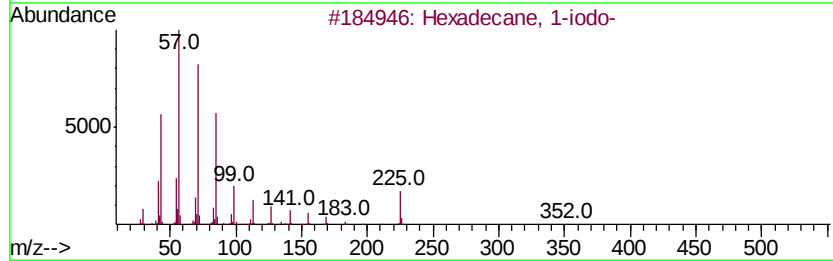
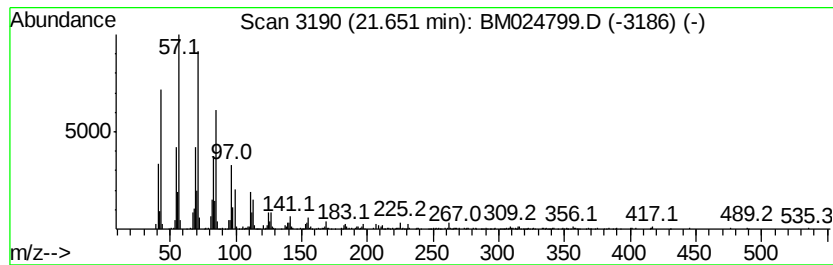
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	2.70 ng/ul	708553	Chrysene-d12	21.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane, 1-iodo-	352 C16H33I	000544-77-4	95
2	Octadecane, 2,6,10,14-tetramethyl-	310 C22H46	054964-82-8	93
3	Eicosane	282 C20H42	000112-95-8	87
4	Hexacosane	366 C26H54	000630-01-3	83
5	Octacosane	394 C28H58	000630-02-4	83



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Data File : BM024799.D
Acq On : 08 Feb 2020 15:03
Operator : CG/JU
Sample : L1400-18
Misc :
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Instrument :
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ClientSampleId :
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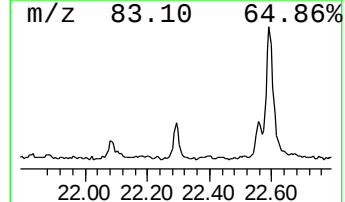
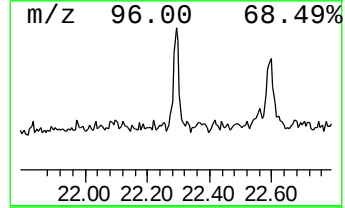
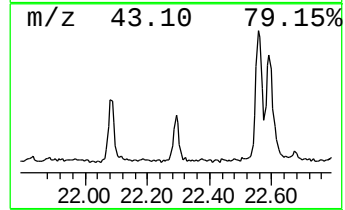
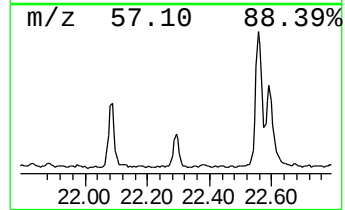
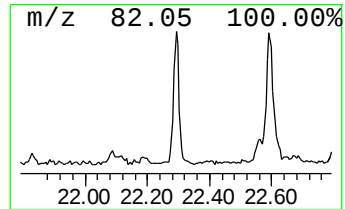
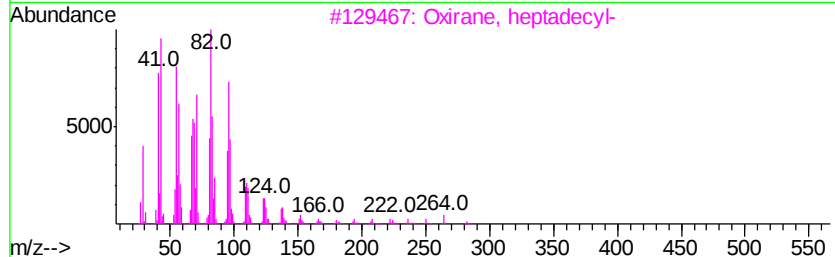
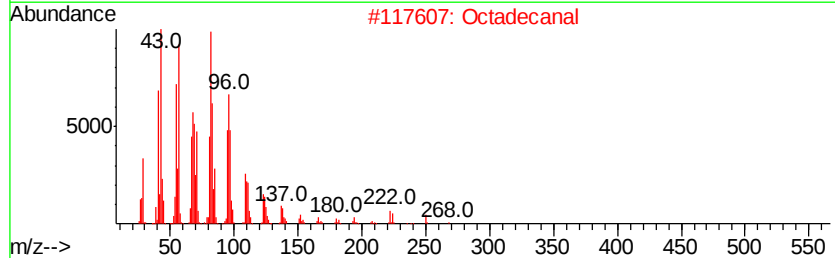
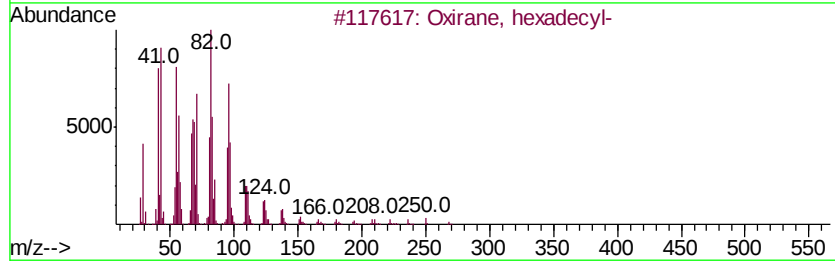
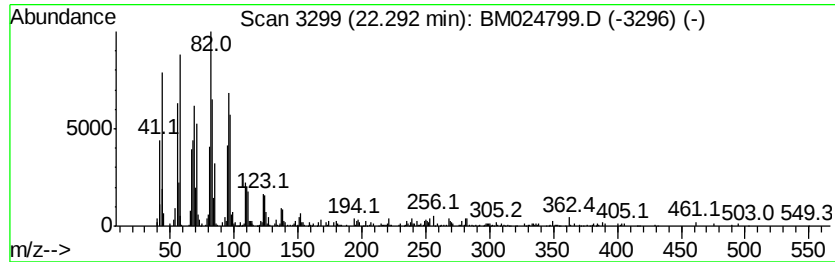
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Oxirane, hexadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.39 ng/ul	518731	Perylene-d12	23.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91	
2	Octadecanal	268	C18H36O	000638-66-4	91	
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90	
4	Octadecanal	268	C18H36O	000638-66-4	87	
5	Octadecanal	268	C18H36O	000638-66-4	87	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024799.D
Acq On : 08 Feb 2020 15:03
Operator : CG/JU
Sample : L1400-18
Misc :
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Instrument :
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ClientSampleId :
CB6T5

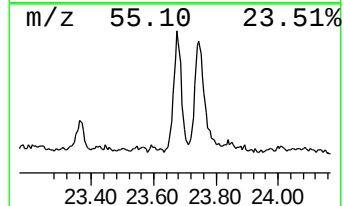
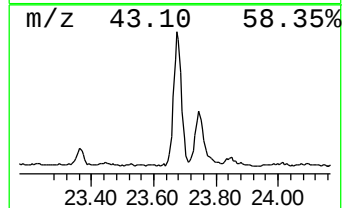
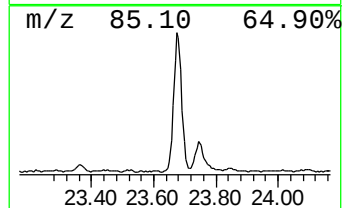
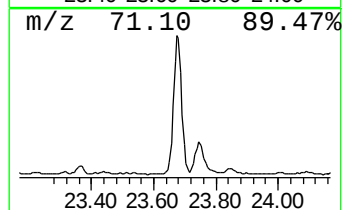
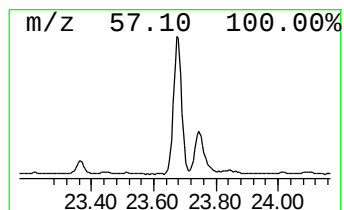
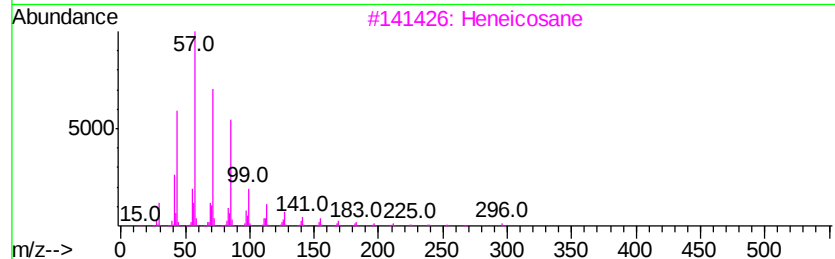
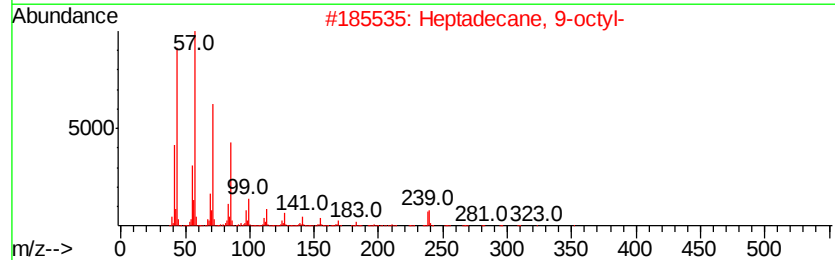
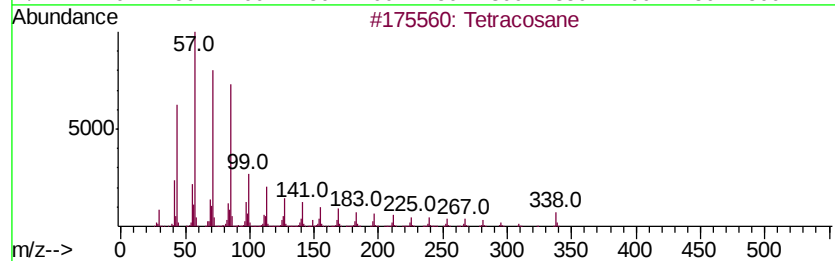
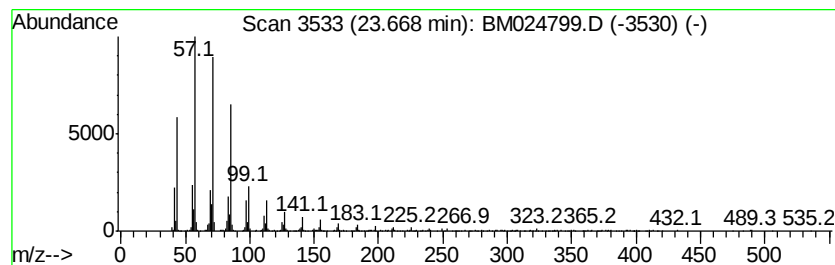
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	7.36 ng/ul	1597900	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91



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Acq On : 08 Feb 2020 15:03
Operator : CG/JU
Sample : L1400-18
Misc :
ALS Vial : 78 Sample Multiplier: 1

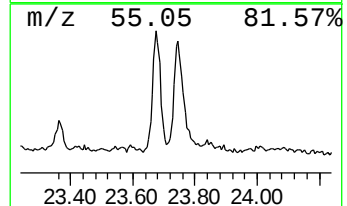
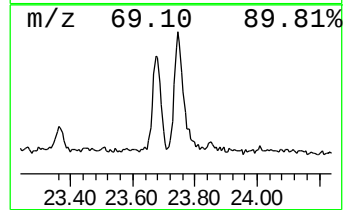
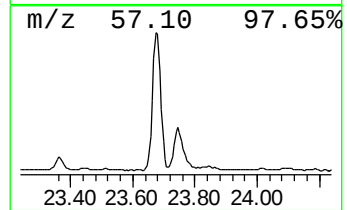
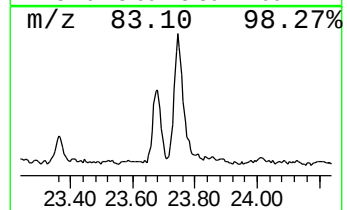
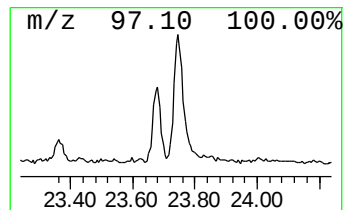
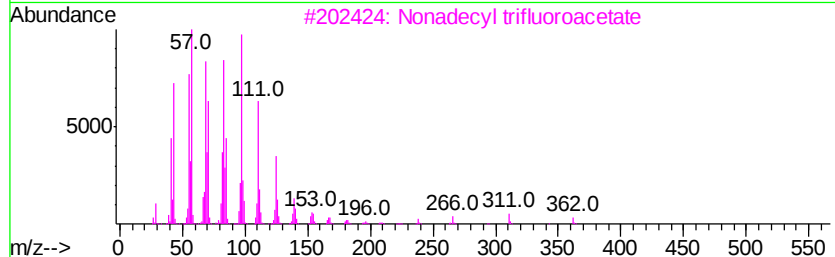
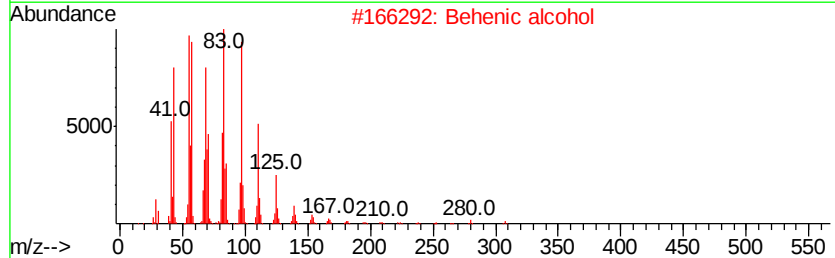
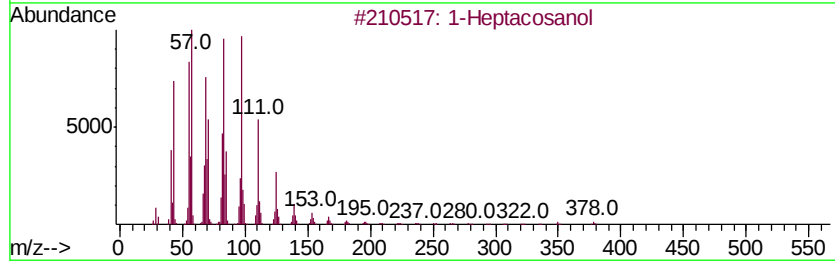
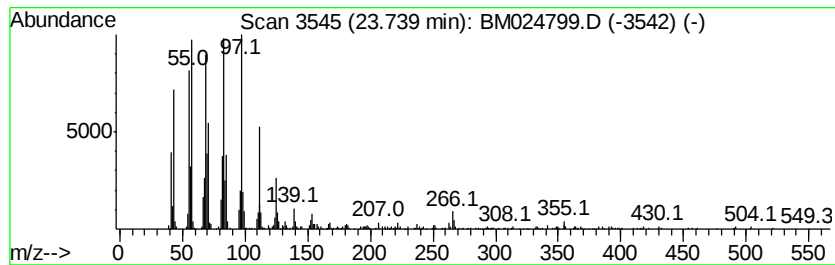
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.74	5.14 ng/ul	1115910	Perylene-d12	23.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020620\
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Sample : L1400-18
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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n-Tetracosanol-1	20.78	6.2	ng/ul	1634790	5	21.02	5257380	20.0
Hexadecane, 1-iodo-	21.65	2.7	ng/ul	708553	5	21.02	5257380	20.0
Oxirane, hexadecyl-	22.29	2.4	ng/ul	518731	6	23.13	4344600	20.0
(DEL) Alkane: Str...	23.67	7.4	ng/ul	1597900	6	23.13	4344600	20.0
1-Heptacosanol	23.74	5.1	ng/ul	1115910	6	23.13	4344600	20.0