

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
 Data File : BM027239.D
 Acq On : 26 Aug 2020 08:13
 Operator : JU/CG
 Sample : L3613-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBFQ9

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-BM082520MA.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	3.158	26	29	35	rVB	18440	23758	0.53%	0.056%
2	3.563	95	98	104	rVB5	6149	8222	0.18%	0.020%
3	3.658	107	114	118	rBV	28024	38257	0.85%	0.091%
4	3.781	130	135	143	rVB	23370	39412	0.87%	0.093%
5	3.869	145	150	154	rBV	9645	13706	0.30%	0.033%
6	4.087	184	187	193	rVB2	10103	14526	0.32%	0.034%
7	4.487	251	255	261	rVB5	5992	9427	0.21%	0.022%
8	4.758	296	301	307	rBV	23577	36618	0.81%	0.087%
9	4.857	314	318	323	rBV6	4036	8005	0.18%	0.019%
10	6.310	561	565	571	rVB6	5043	8460	0.19%	0.020%
11	6.781	638	645	655	rBV	348381	572398	12.66%	1.358%
12	6.940	665	672	682	rBV	297288	461735	10.22%	1.095%
13	7.134	698	705	715	rVB	390915	603791	13.36%	1.432%
14	7.222	715	720	729	rBV2	26789	60288	1.33%	0.143%
15	7.598	777	784	793	rBV	763975	1209507	26.76%	2.869%
16	7.681	793	798	804	rVB6	4257	7888	0.17%	0.019%
17	8.304	897	904	916	rBV	391082	630552	13.95%	1.495%
18	8.416	918	923	927	rVB	7754	12602	0.28%	0.030%
19	8.740	970	978	991	rBV	369845	614545	13.60%	1.458%
20	9.216	1054	1059	1063	rBV4	3637	6377	0.14%	0.015%
21	9.457	1092	1100	1107	rBV	321279	525396	11.62%	1.246%
22	9.992	1184	1191	1202	rBV	491540	811298	17.95%	1.924%
23	10.363	1247	1254	1262	rBV	1053465	1758487	38.91%	4.171%
24	10.498	1271	1277	1291	rBV	370343	659395	14.59%	1.564%
25	11.963	1521	1526	1533	rBV3	6397	10985	0.24%	0.026%
26	12.851	1673	1677	1682	rVB6	5436	8751	0.19%	0.021%
27	13.151	1721	1728	1735	rVB6	8463	20260	0.45%	0.048%
28	13.569	1795	1799	1804	rVB5	8057	13177	0.29%	0.031%
29	13.651	1807	1813	1817	rVV	1008830	1373851	30.40%	3.258%
30	13.698	1817	1821	1828	rVV	347186	470406	10.41%	1.116%
31	13.922	1852	1859	1871	rBV	987176	1433494	31.72%	3.400%
32	14.163	1896	1900	1905	rBV4	6478	9599	0.21%	0.023%
33	14.233	1905	1912	1919	rVV2	1819197	2629529	58.18%	6.236%
34	14.298	1919	1923	1932	rVB5	10212	19419	0.43%	0.046%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
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35	14.439	1941	1947	1964	rBV	361752	576793	12.76%	1.368%
36	14.598	1971	1974	1979	rVB6	3814	7444	0.16%	0.018%
37	14.675	1985	1987	1991	rVB5	6448	7814	0.17%	0.019%
38	14.786	2003	2006	2013	rVB8	6680	11543	0.26%	0.027%
39	14.869	2015	2020	2023	rBV4	6690	11333	0.25%	0.027%
40	15.069	2048	2054	2058	rVB2	13912	20972	0.46%	0.050%
41	15.233	2075	2082	2088	rBV	1320838	1921169	42.51%	4.556%
42	15.286	2088	2091	2096	rVB3	12739	18660	0.41%	0.044%
43	15.351	2096	2102	2111	rBV	399720	590439	13.06%	1.400%
44	15.474	2118	2123	2126	rBV3	14079	22508	0.50%	0.053%
45	15.580	2136	2141	2145	rBV4	6438	11384	0.25%	0.027%
46	15.727	2162	2166	2169	rVB5	14094	20652	0.46%	0.049%
47	15.874	2186	2191	2193	rBV5	4329	6110	0.14%	0.014%
48	15.998	2206	2212	2221	rVB5	19310	46044	1.02%	0.109%
49	16.086	2223	2227	2231	rBV	18371	25455	0.56%	0.060%
50	16.145	2233	2237	2242	rVV3	24568	41139	0.91%	0.098%
51	16.204	2244	2247	2251	rVB2	21725	28974	0.64%	0.069%
52	16.251	2251	2255	2259	rBV	17987	21990	0.49%	0.052%
53	16.298	2259	2263	2266	rBV4	19269	29266	0.65%	0.069%
54	16.351	2270	2272	2275	rVB4	10948	11612	0.26%	0.028%
55	16.404	2275	2281	2289	rBV4	25780	55081	1.22%	0.131%
56	16.469	2289	2292	2295	rBV	19021	24367	0.54%	0.058%
57	16.545	2300	2305	2311	rVB2	25854	47221	1.04%	0.112%
58	16.639	2312	2321	2329	rBV2	18105	37037	0.82%	0.088%
59	16.768	2339	2343	2345	rBV2	10786	13758	0.30%	0.033%
60	16.980	2373	2379	2384	rBV	2431349	3304957	73.12%	7.838%
61	17.021	2384	2386	2390	rVV	169594	193474	4.28%	0.459%
62	17.080	2390	2396	2406	rVV	1464898	2107224	46.62%	4.998%
63	17.174	2408	2412	2419	rVB7	12161	22592	0.50%	0.054%
64	17.380	2443	2447	2453	rVB2	29149	43737	0.97%	0.104%
65	17.510	2465	2469	2472	rBV6	5859	8828	0.20%	0.021%
66	17.680	2496	2498	2503	rBV5	4237	6400	0.14%	0.015%
67	17.857	2524	2528	2531	rBV2	19073	25728	0.57%	0.061%
68	17.904	2531	2536	2543	rVV	241312	347842	7.70%	0.825%
69	17.963	2543	2546	2553	rVV2	40909	76778	1.70%	0.182%
70	18.045	2556	2560	2565	rVV2	40169	77157	1.71%	0.183%
71	18.080	2565	2566	2572	rVB3	19075	26531	0.59%	0.063%

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72	18.210	2584	2588	2596	rBV10	15860	40525	0.90%	0.096%
73	18.363	2610	2614	2617	rBV2	23292	33201	0.73%	0.079%
74	18.398	2617	2620	2625	rVB2	35452	46818	1.04%	0.111%
75	18.468	2628	2632	2635	rBV6	10718	15981	0.35%	0.038%
76	18.615	2654	2657	2661	rVB6	16939	21134	0.47%	0.050%
77	18.668	2662	2666	2668	rBV5	10464	15784	0.35%	0.037%
78	18.780	2681	2685	2690	rBV6	36258	56557	1.25%	0.134%
79	18.927	2705	2710	2715	rBV5	25744	45605	1.01%	0.108%
80	19.045	2721	2730	2736	rBV	511191	706260	15.63%	1.675%
81	19.110	2739	2741	2744	rVV4	17836	19294	0.43%	0.046%
82	19.192	2751	2755	2760	rBV2	92113	127915	2.83%	0.303%
83	19.380	2781	2787	2791	rBV	1984330	2926826	64.76%	6.942%
84	19.592	2820	2823	2825	rBV2	21173	30806	0.68%	0.073%
85	19.621	2825	2828	2831	rVB	52100	64845	1.43%	0.154%
86	19.839	2862	2865	2868	rBV	41661	50957	1.13%	0.121%
87	19.909	2874	2877	2882	rVB2	53457	78879	1.75%	0.187%
88	20.009	2891	2894	2897	rBV	42268	49649	1.10%	0.118%
89	20.915	3044	3048	3059	rVB4	419869	677902	15.00%	1.608%
90	21.056	3067	3072	3076	rBV5	87937	169409	3.75%	0.402%
91	21.121	3080	3083	3086	rVV	234108	257421	5.70%	0.611%
92	21.180	3087	3093	3097	rVV	3395933	4519746	100.00%	10.720%
93	21.215	3097	3099	3108	rVB	309961	363467	8.04%	0.862%
94	21.803	3193	3199	3203	rBV4	280287	589625	13.05%	1.398%
95	21.939	3219	3222	3227	rVB	229532	284227	6.29%	0.674%
96	22.245	3271	3274	3277	rVB	165345	183474	4.06%	0.435%
97	22.739	3355	3358	3363	rVB2	498659	701843	15.53%	1.665%
98	23.221	3435	3440	3445	rBV	1223088	2025904	44.82%	4.805%
99	23.362	3457	3464	3471	rBV2	1904135	3382788	74.84%	8.023%
100	23.921	3554	3559	3566	rVB	387983	702604	15.55%	1.666%

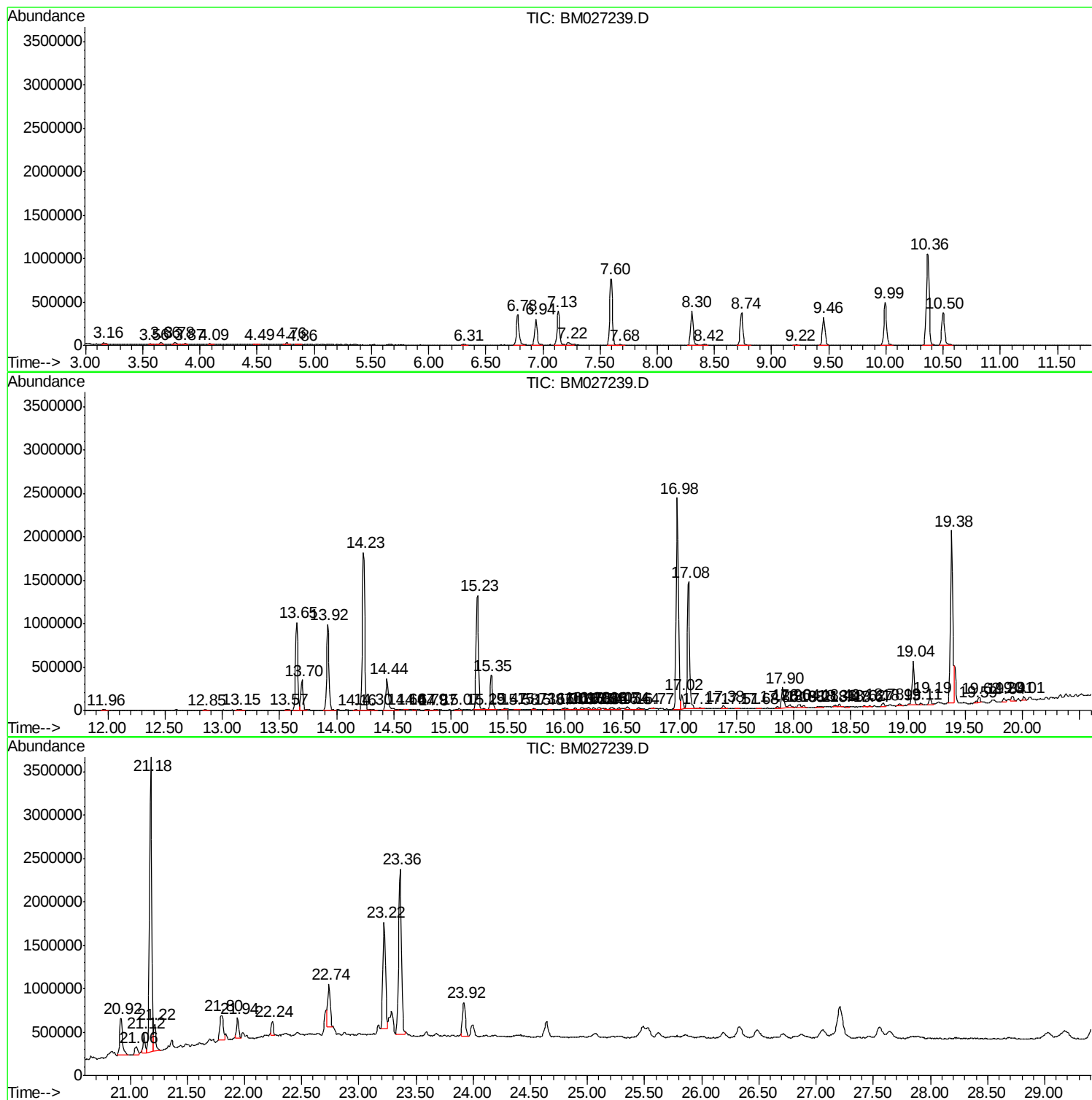
Sum of corrected areas: 42163580

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

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



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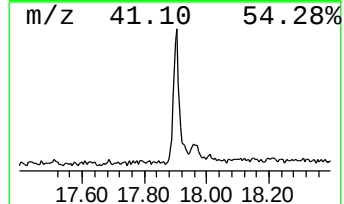
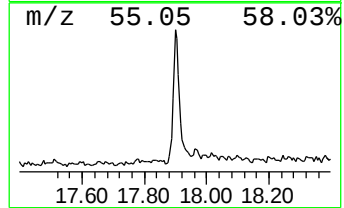
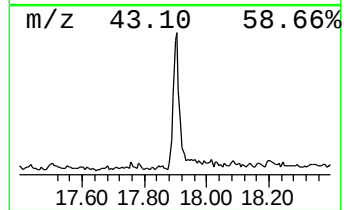
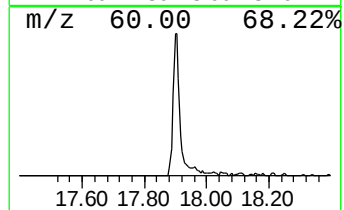
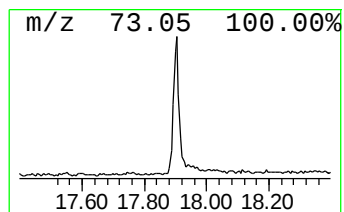
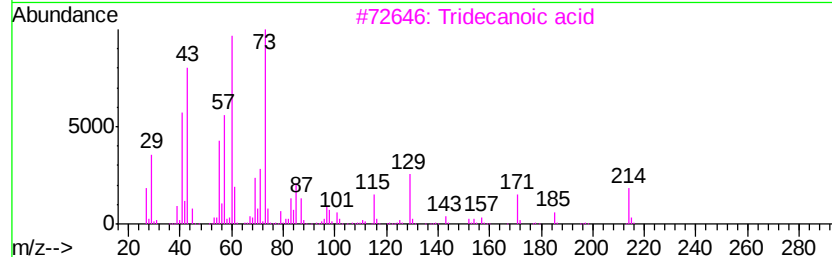
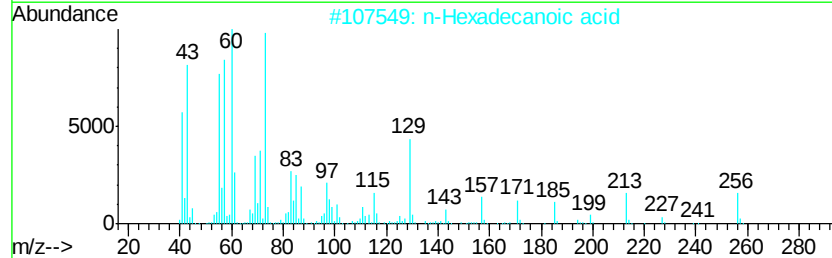
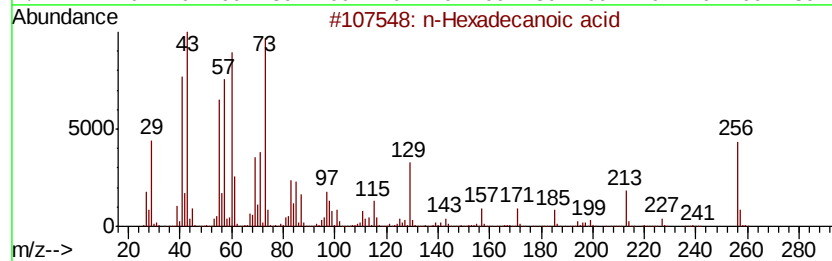
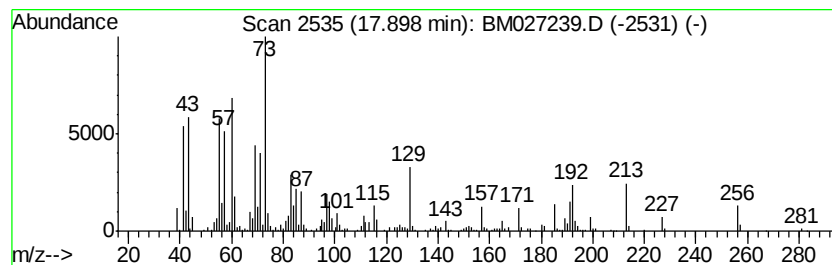
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.90	2.10 ng/ul	347842	Phenanthrene-d10	16.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	78
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47
5		Tridecanoic acid	214	C13H26O2	000638-53-9	43



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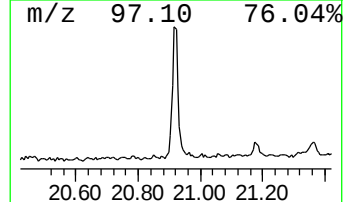
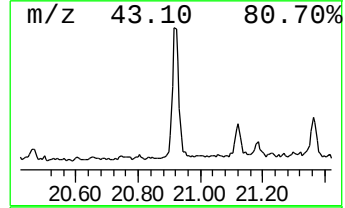
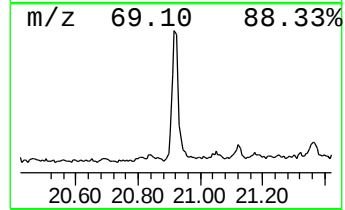
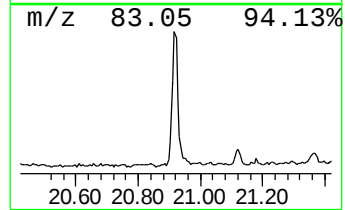
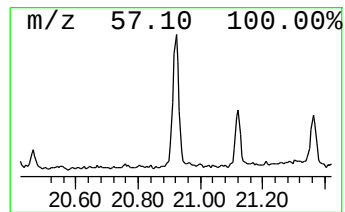
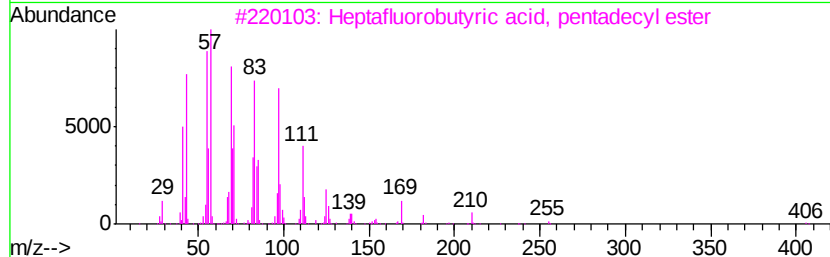
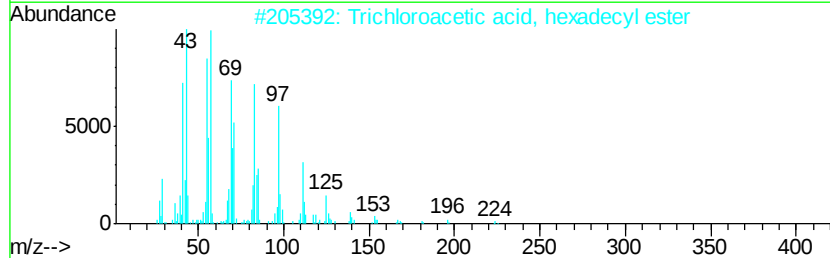
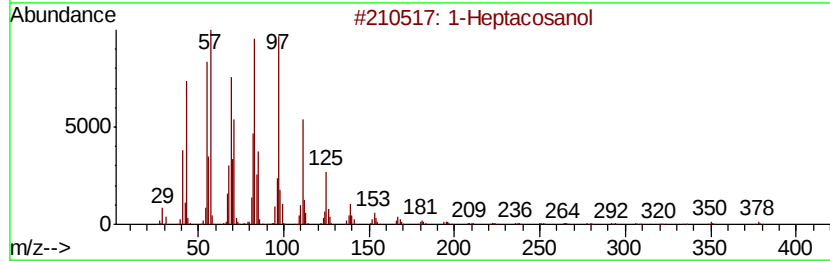
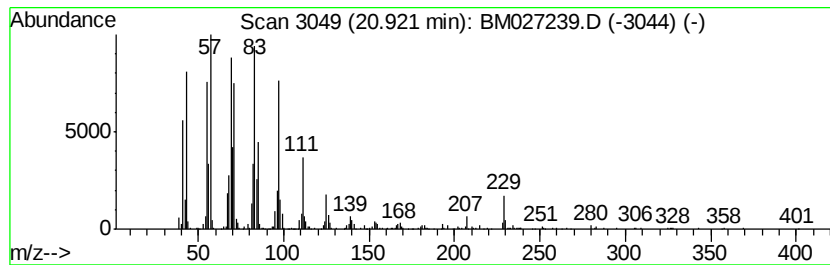
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.92	3.00 ng/ul	677902	Chrysene-d12	21.18		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heptacosanol	396	C27H56O	002004-39-9	90
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
3		Heptafluorobutvric acid, pentade...	424	C19H31F7O2	959261-23-5	81
4		Cyclotetracosane	336	C24H48	000297-03-0	76
5		2-Methyl-7-nonadecene	280	C20H40	219750-68-2	70



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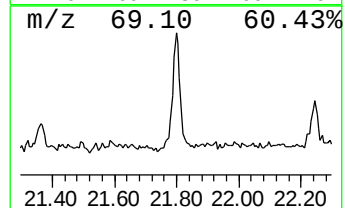
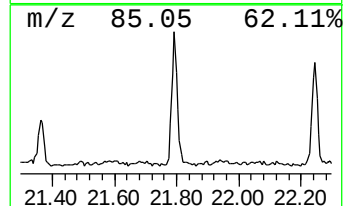
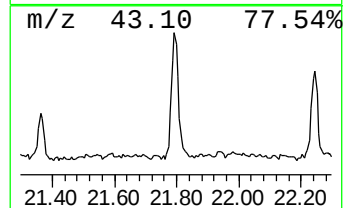
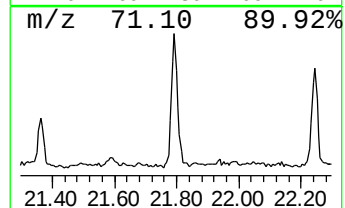
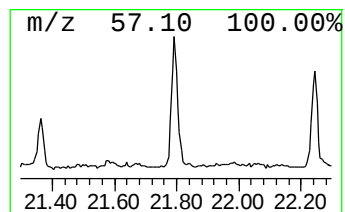
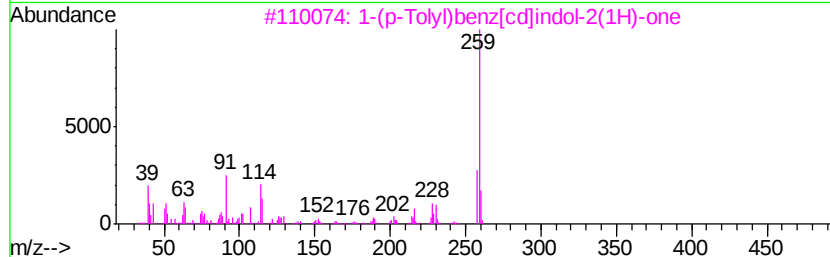
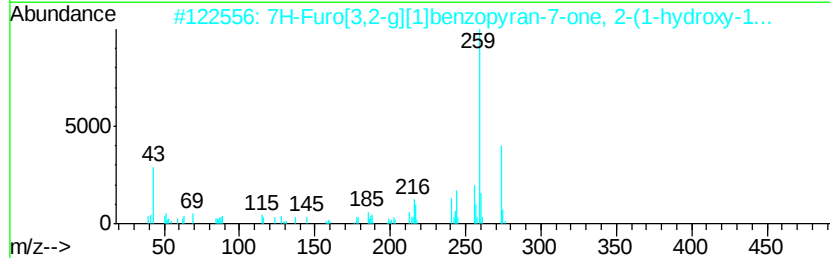
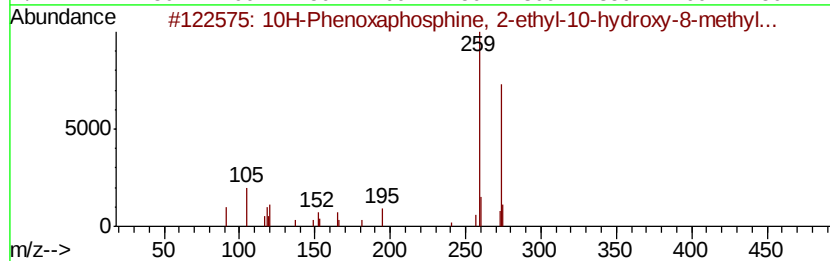
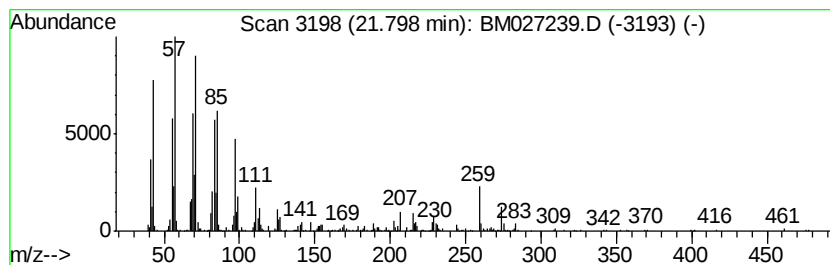
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Peak Number 3 10H-Phenoxaphosphine, 2-eth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	2.61 ng/ul	589625	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10H-Phenoxaphosphine, 2-ethyl-10...	274	C15H15O3P	036360-91-5	58
2		7H-Furo[3,2-q][1]benzopyran-7-on...	274	C15H14O5	054087-32-0	18
3		1-(p-Tolyl)benz[cd]indol-2(1H)-one	259	C18H13NO	001710-21-0	15
4		9-Methyl-3-phenyl-9H-pyridazino(...	259	C17H13N3	003980-90-3	15
5		Naphthalene, 2-methyl-1-(3,4-dim...	274	C20H18O	1000269-03-0	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027239.D
Acq On : 26 Aug 2020 08:13
Operator : JU/CG
Sample : L3613-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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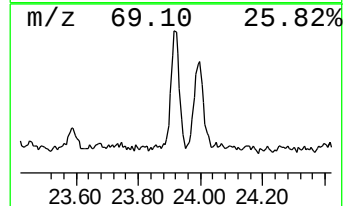
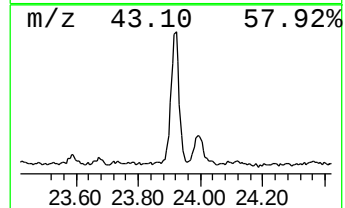
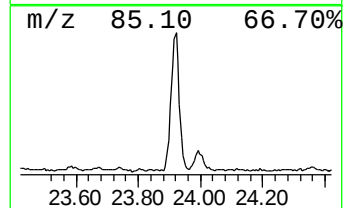
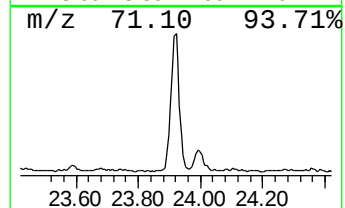
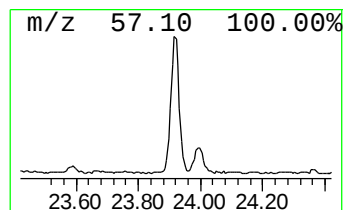
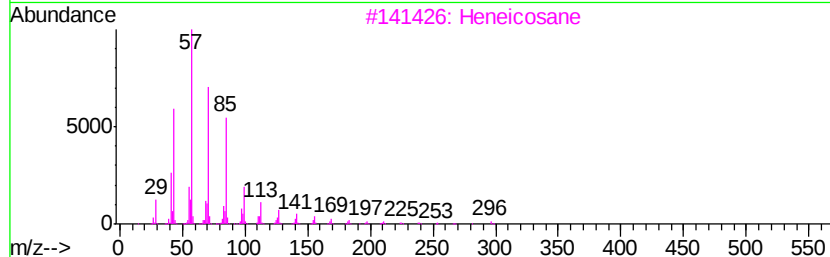
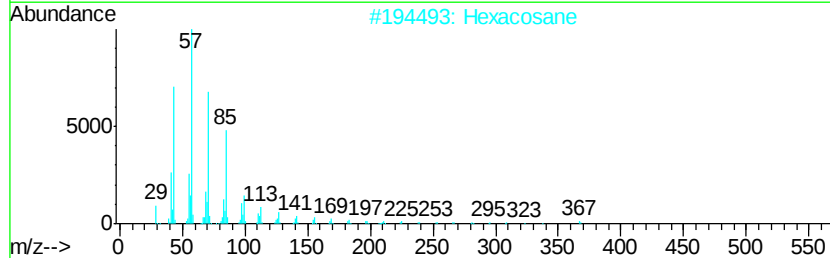
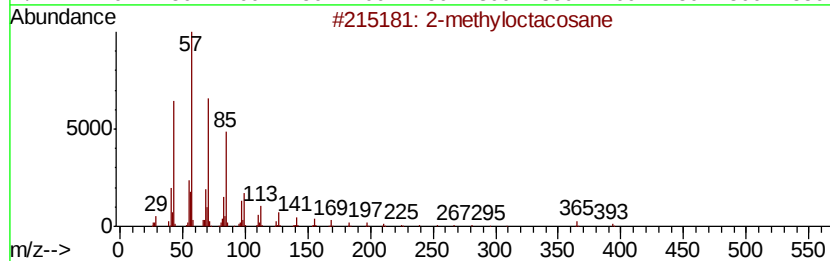
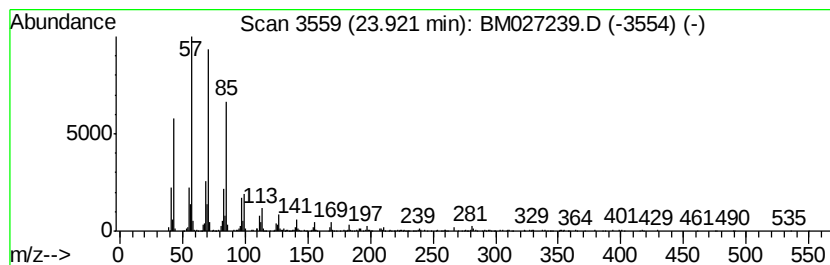
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	4.15 ng/ul	702604	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Hexacosane	366	C26H54	000630-01-3	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Heptacosane	380	C27H56	000593-49-7	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082520\
Data File : BM027239.D
Acq On : 26 Aug 2020 08:13
Operator : JU/CG
Sample : L3613-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBFQ9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.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
n-Hexadecanoic acid	17.90	2.1	ng/ul	347842	4	16.98	3304960	20.0
1-Heptacosanol	20.92	3.0	ng/ul	677902	5	21.18	4519750	20.0
10H-Phenoxaphosph...	21.80	2.6	ng/ul	589625	5	21.18	4519750	20.0
(DEL) Alkane: Str...	23.92	4.2	ng/ul	702604	6	23.36	3382790	20.0