

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
 Data File : BM024359.D
 Acq On : 28 Dec 2019 20:59
 Operator : JU
 Sample : K6278-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0C69

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-BM121719MA.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	2.987	15	17	23	rVB	39215	55747	1.28%	0.093%
2	3.393	84	86	93	rVB6	8104	10186	0.23%	0.017%
3	3.487	99	102	108	rVB3	29368	41937	0.97%	0.070%
4	3.681	130	135	140	rVB	30945	49206	1.13%	0.082%
5	3.722	140	142	147	rVB5	5779	5842	0.13%	0.010%
6	3.846	161	163	167	rVB5	7025	5861	0.13%	0.010%
7	3.910	170	174	179	rVB	32536	41492	0.96%	0.069%
8	4.587	286	289	292	rVB4	7328	9710	0.22%	0.016%
9	4.746	313	316	317	rBV2	4746	5895	0.14%	0.010%
10	5.434	429	433	435	rBV3	3314	4725	0.11%	0.008%
11	6.616	628	634	654	rBV	772155	1499192	34.53%	2.509%
12	6.769	654	660	679	rVB	594624	1039194	23.94%	1.739%
13	6.951	684	691	704	rBV	864599	1424231	32.80%	2.384%
14	7.410	762	769	780	rBV	1012443	1603056	36.92%	2.683%
15	7.504	783	785	788	rVV3	6525	8155	0.19%	0.014%
16	7.545	790	792	797	rVB5	3931	4453	0.10%	0.007%
17	8.140	886	893	909	rBV	925913	1665395	38.36%	2.787%
18	8.569	959	966	986	rBV	716998	1298006	29.90%	2.172%
19	8.857	1012	1015	1020	rVB6	3211	4623	0.11%	0.008%
20	8.986	1034	1037	1043	rVB4	5516	8845	0.20%	0.015%
21	9.281	1081	1087	1105	rBV	614512	1067313	24.58%	1.786%
22	9.822	1173	1179	1201	rBV	862699	1677290	38.63%	2.807%
23	10.175	1232	1239	1254	rVB	1391802	2300896	53.00%	3.851%
24	10.333	1260	1266	1285	rBV	594989	1325957	30.54%	2.219%
25	10.504	1293	1295	1298	rVB4	4036	4557	0.10%	0.008%
26	10.728	1328	1333	1334	rBV5	6057	9328	0.21%	0.016%
27	10.881	1355	1359	1363	rBV6	4009	5389	0.12%	0.009%
28	11.222	1412	1417	1421	rBV6	6740	12095	0.28%	0.020%
29	11.428	1448	1452	1456	rVB4	3621	4921	0.11%	0.008%
30	11.639	1482	1488	1490	rBV4	5467	8816	0.20%	0.015%
31	11.733	1500	1504	1509	rBV4	6012	11052	0.25%	0.018%
32	11.786	1509	1513	1519	rVV4	13098	25309	0.58%	0.042%
33	11.869	1522	1527	1534	rBV7	8189	17314	0.40%	0.029%
34	12.080	1559	1563	1571	rVB7	7237	16636	0.38%	0.028%

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35	12.416	1616	1620	1625	rVB4	4350	8305	0.19%	0.014%
36	12.604	1648	1652	1656	rBV4	3538	5790	0.13%	0.010%
37	12.904	1699	1703	1709	rBV4	9781	17369	0.40%	0.029%
38	13.239	1756	1760	1762	rBV3	4811	6043	0.14%	0.010%
39	13.374	1779	1783	1784	rBV4	7018	6542	0.15%	0.011%
40	13.386	1784	1785	1792	rVB5	7724	10961	0.25%	0.018%
41	13.451	1792	1796	1799	rBV5	5632	8933	0.21%	0.015%
42	13.498	1799	1804	1809	rVV	1524068	2201784	50.71%	3.685%
43	13.551	1809	1813	1820	rVB	189698	296539	6.83%	0.496%
44	13.763	1842	1849	1859	rBV	1946845	2830119	65.19%	4.737%
45	14.004	1884	1890	1895	rVB5	11565	20081	0.46%	0.034%
46	14.074	1895	1902	1911	rVV	1983100	2883729	66.42%	4.826%
47	14.139	1911	1913	1917	rVV4	8659	11548	0.27%	0.019%
48	14.174	1917	1919	1923	rVB5	4511	5652	0.13%	0.009%
49	14.298	1934	1940	1942	rBV5	5248	9053	0.21%	0.015%
50	14.345	1942	1948	1963	rBV	278937	753450	17.35%	1.261%
51	14.480	1969	1971	1977	rVB6	9865	17654	0.41%	0.030%
52	14.539	1977	1981	1985	rBV7	13270	19274	0.44%	0.032%
53	14.621	1992	1995	2001	rVB8	9961	14480	0.33%	0.024%
54	14.704	2006	2009	2015	rVV7	7333	13591	0.31%	0.023%
55	14.763	2015	2019	2021	rVV5	7126	8403	0.19%	0.014%
56	14.868	2034	2037	2040	rBV5	3726	5961	0.14%	0.010%
57	14.904	2040	2043	2046	rVV4	5038	7681	0.18%	0.013%
58	14.957	2049	2052	2057	rVB4	13436	17838	0.41%	0.030%
59	15.080	2066	2073	2080	rBV	2487546	3504816	80.73%	5.866%
60	15.239	2095	2100	2110	rBV	419124	682833	15.73%	1.143%
61	15.321	2110	2114	2121	rVV2	33872	58298	1.34%	0.098%
62	15.433	2130	2133	2137	rVV6	5260	7652	0.18%	0.013%
63	15.474	2137	2140	2143	rVB4	4267	5758	0.13%	0.010%
64	15.527	2145	2149	2153	rVB5	6072	8439	0.19%	0.014%
65	15.663	2169	2172	2179	rVB9	6568	10042	0.23%	0.017%
66	15.780	2187	2192	2193	rBV4	5370	7331	0.17%	0.012%
67	15.827	2195	2200	2203	rBV4	16838	24404	0.56%	0.041%
68	15.863	2204	2206	2210	rVB4	9969	11770	0.27%	0.020%
69	16.004	2227	2230	2233	rVB5	4376	5499	0.13%	0.009%
70	16.186	2260	2261	2267	rVB5	5289	7399	0.17%	0.012%
71	16.421	2299	2301	2308	rVB8	4926	9588	0.22%	0.016%

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72	16.510	2312	2316	2320	rVB7	10273	15459	0.36%	0.026%
73	16.621	2332	2335	2339	rBV3	25439	28388	0.65%	0.048%
74	16.833	2365	2371	2377	rBV	2386203	3260772	75.11%	5.457%
75	16.874	2377	2378	2382	rVV	49521	46612	1.07%	0.078%
76	16.933	2382	2388	2401	rVV2	2467460	3580674	82.47%	5.993%
77	17.362	2457	2461	2463	rBV4	16056	14939	0.34%	0.025%
78	17.715	2519	2521	2524	rBV4	7483	7692	0.18%	0.013%
79	17.762	2524	2529	2537	rBV2	142793	228924	5.27%	0.383%
80	18.051	2575	2578	2581	rBV3	19658	23421	0.54%	0.039%
81	18.186	2599	2601	2605	rBV5	10745	10959	0.25%	0.018%
82	18.698	2685	2688	2691	rVB3	21567	24910	0.57%	0.042%
83	18.880	2716	2719	2721	rBV	26043	34722	0.80%	0.058%
84	18.909	2721	2724	2730	rVB	67756	93117	2.14%	0.156%
85	19.056	2746	2749	2757	rBV7	57478	88571	2.04%	0.148%
86	19.127	2758	2761	2768	rVV	33826	50580	1.17%	0.085%
87	19.245	2775	2781	2792	rBV	3067010	4238256	97.62%	7.093%
88	19.827	2878	2880	2885	rVB2	55542	52676	1.21%	0.088%
89	20.327	2962	2965	2969	rBV	97011	98353	2.27%	0.165%
90	20.792	3040	3044	3050	rBV	419827	522373	12.03%	0.874%
91	21.050	3083	3088	3098	rBV	2816669	3745038	86.26%	6.268%
92	21.227	3115	3118	3123	rBV	360234	426463	9.82%	0.714%
93	21.650	3186	3190	3198	rBV	555453	731674	16.85%	1.225%
94	22.086	3260	3264	3270	rVB	758415	958881	22.09%	1.605%
95	22.556	3340	3344	3349	rBV	881749	1205496	27.77%	2.018%
96	23.039	3420	3426	3431	rBV	2461071	4341566	100.00%	7.266%
97	23.086	3431	3434	3442	rVB	880731	1268838	29.23%	2.124%
98	23.174	3443	3449	3459	rVB	2204544	3888859	89.57%	6.508%
99	23.680	3531	3535	3544	rVB	665905	1146764	26.41%	1.919%
100	24.368	3648	3652	3659	rVB	431568	818480	18.85%	1.370%

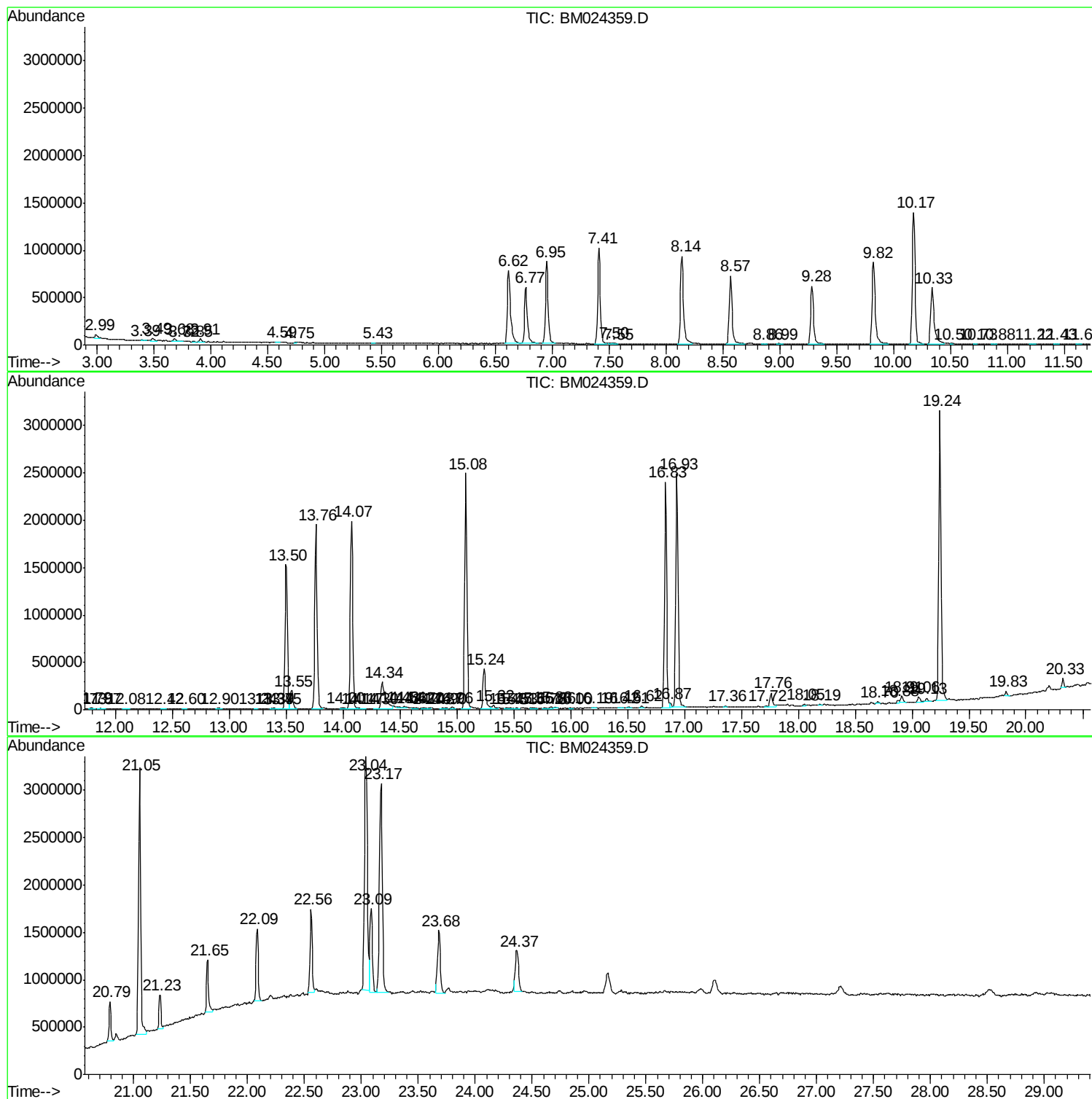
Sum of corrected areas: 59750690

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



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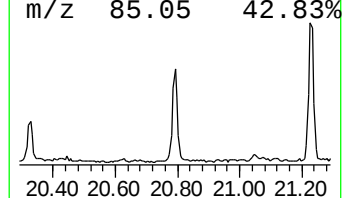
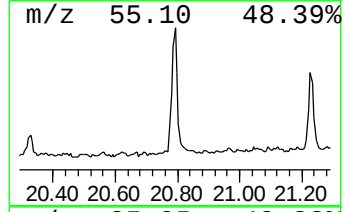
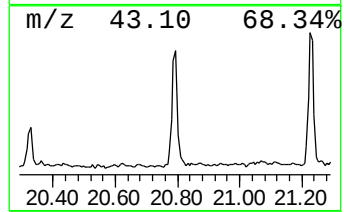
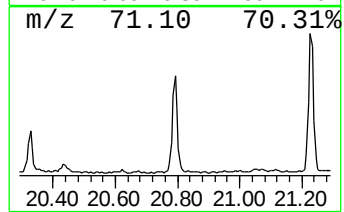
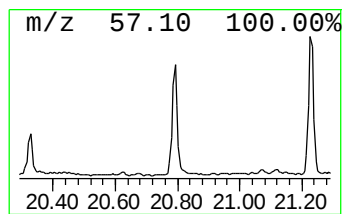
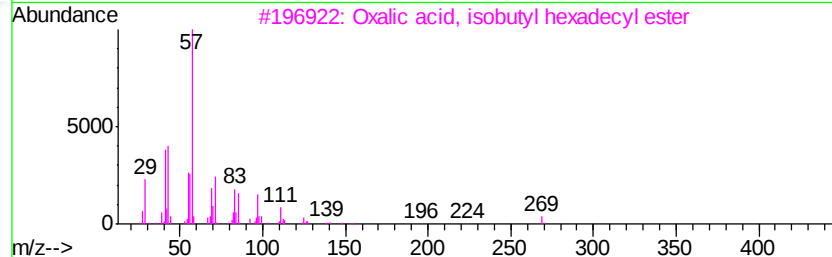
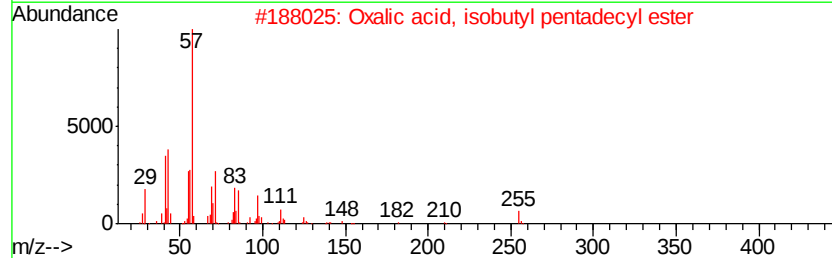
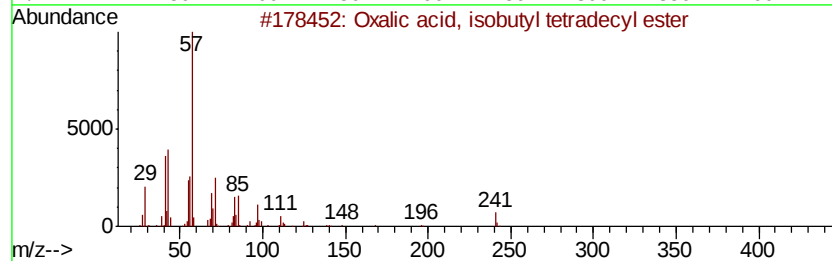
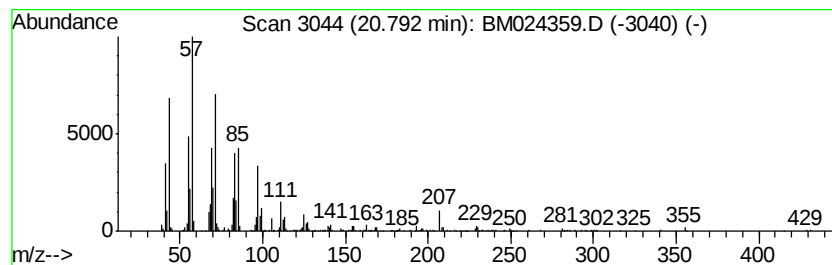
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Oxalic acid, isobutyl tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.79	2.79 ng/ul	522373	Chrysene-d12	21.05		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	83	
2	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	83	
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	74	
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	62	
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	60	



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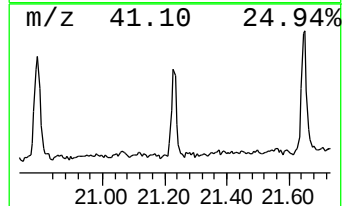
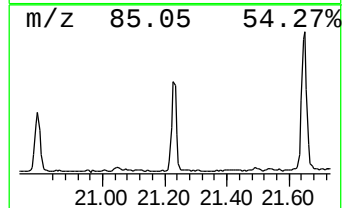
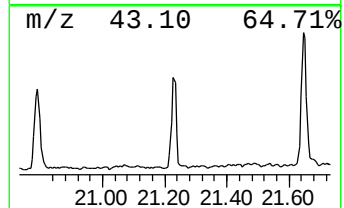
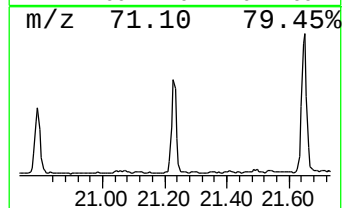
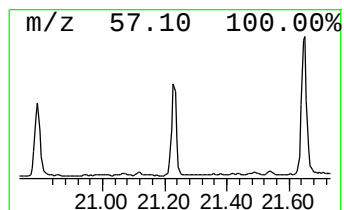
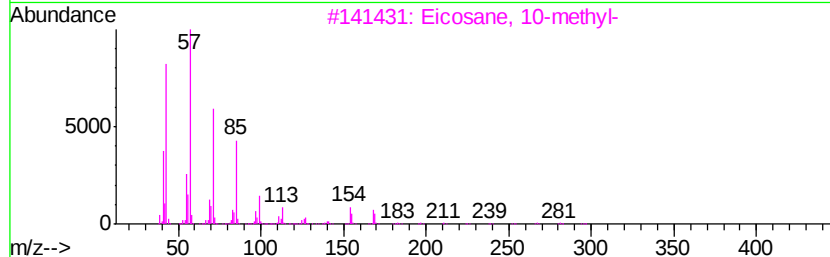
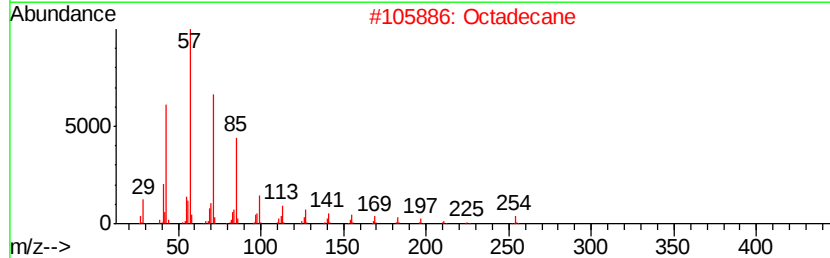
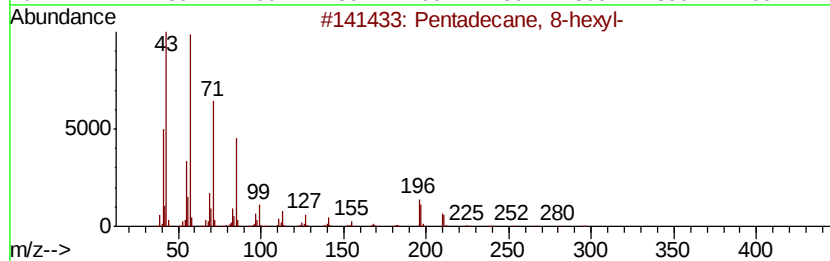
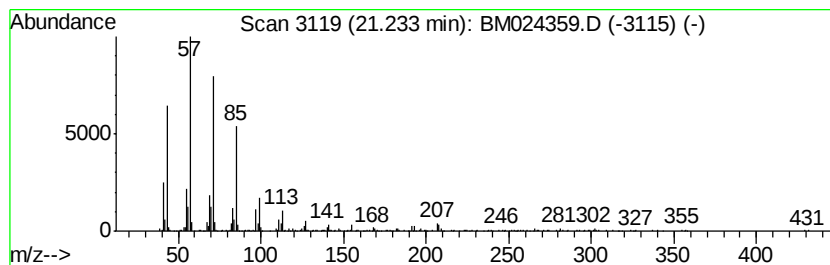
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	2.28 ng/ul	426463	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2		Octadecane	254	C18H38	000593-45-3	93
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4		2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	80
5		Tetradecane	198	C14H30	000629-59-4	80



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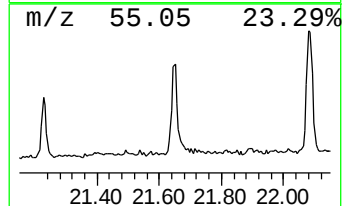
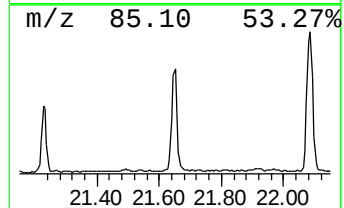
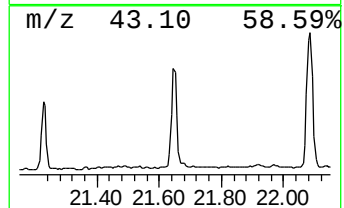
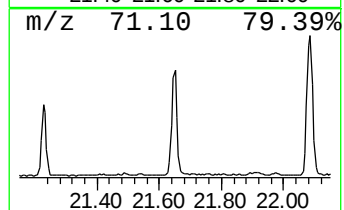
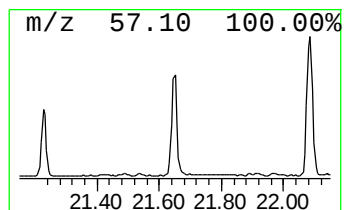
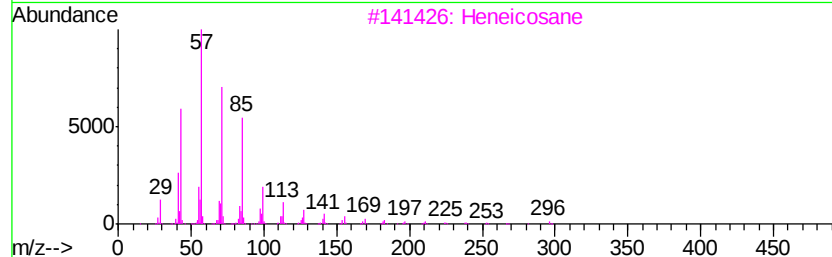
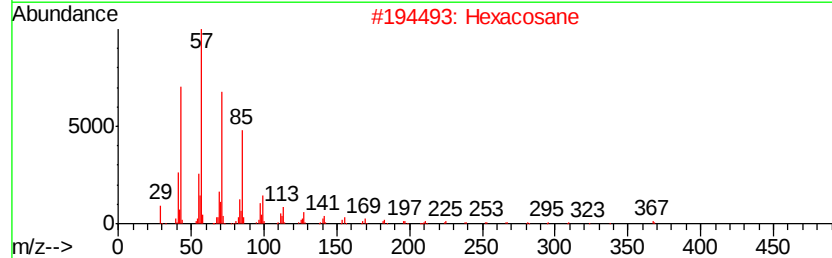
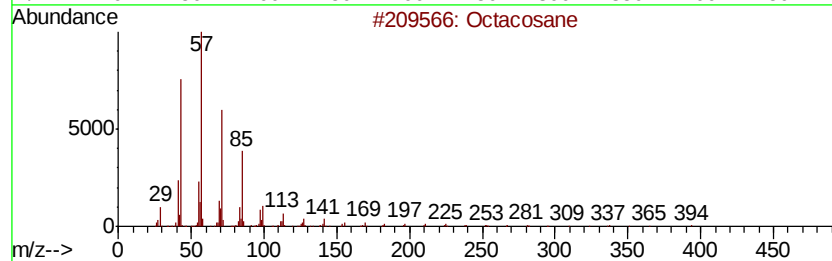
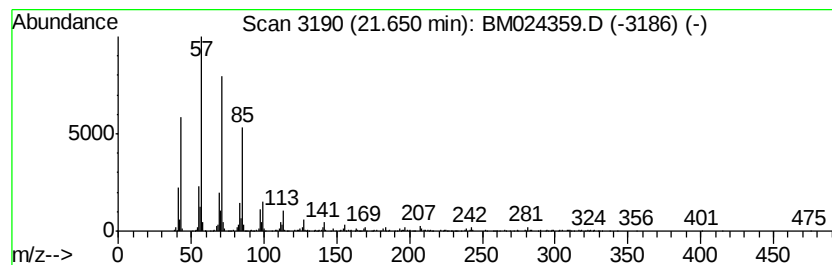
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	3.91 ng/ul	731674	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Heptadecane	240	C17H36	000629-78-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
Data File : BM024359.D
Acq On : 28 Dec 2019 20:59
Operator : JU
Sample : K6278-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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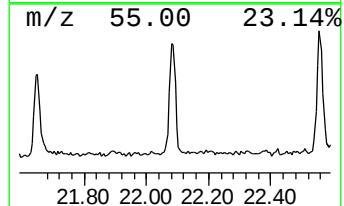
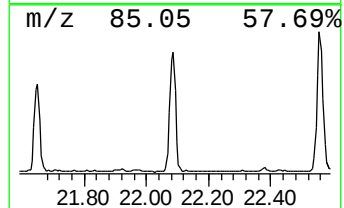
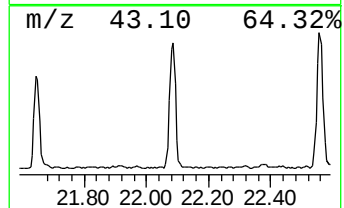
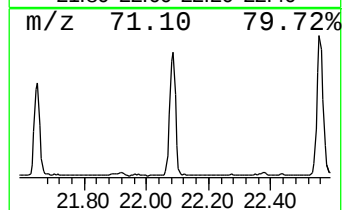
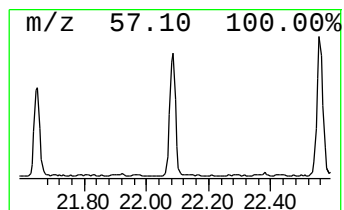
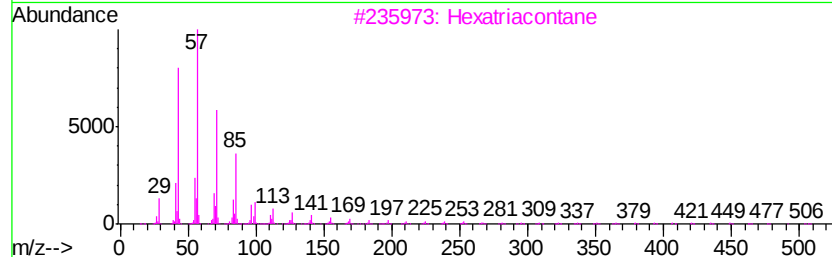
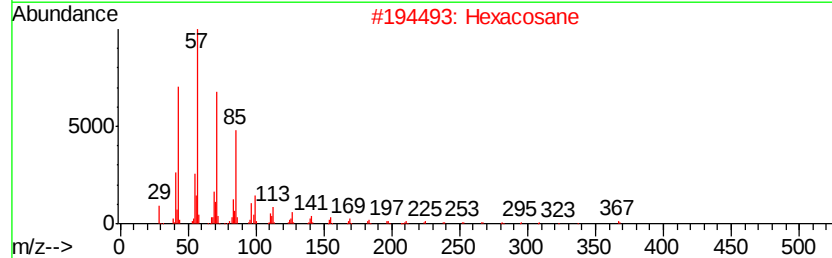
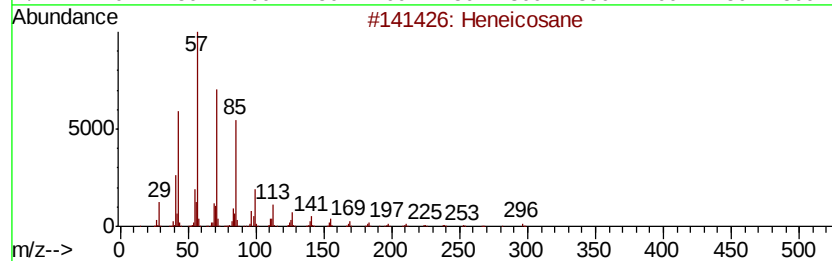
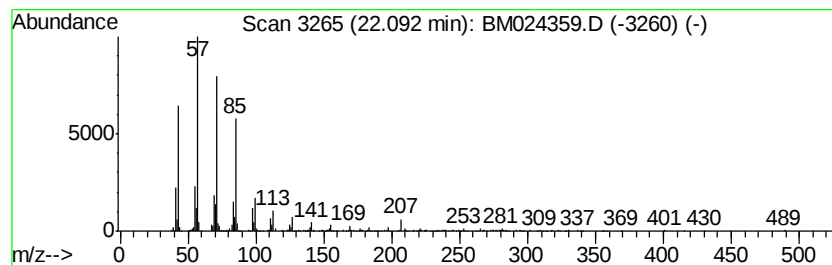
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.09	5.12 ng/ul	958881	Chrysene-d12	21.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	93
2			Hexacosane	366	C26H54	000630-01-3	91
3			Hexatriacontane	507	C36H74	000630-06-8	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
Data File : BM024359.D
Acq On : 28 Dec 2019 20:59
Operator : JU
Sample : K6278-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C69

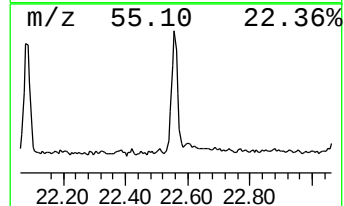
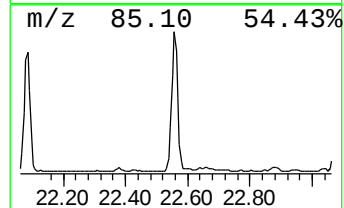
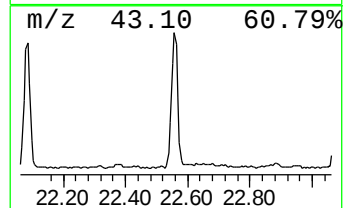
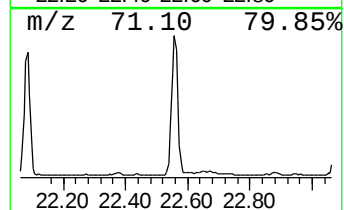
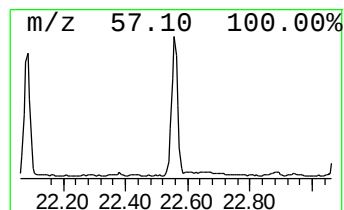
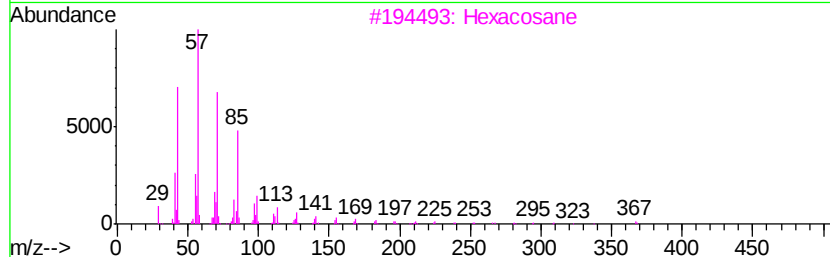
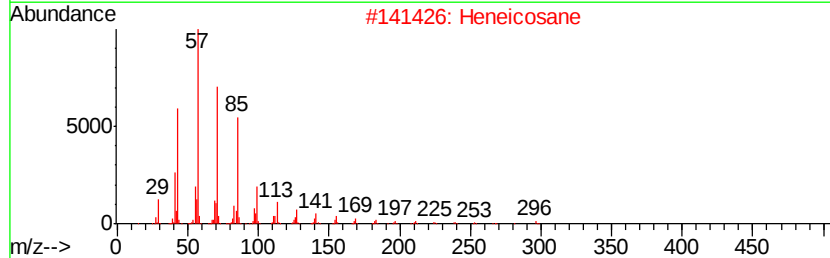
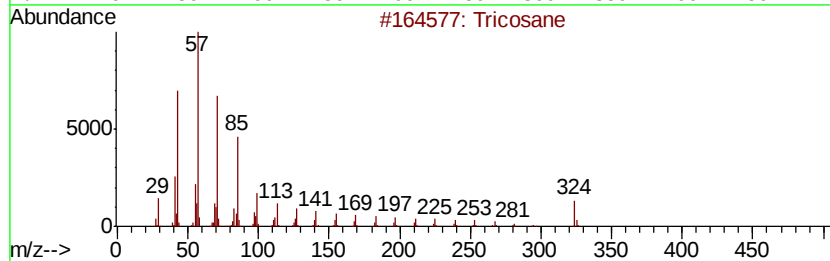
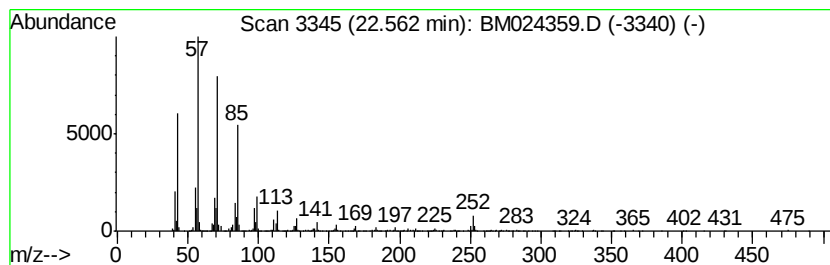
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Quant Title : SVOA CALIBRATION

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.
22.56	6.20 ng/ul	1205500	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heneicosane	296	C21H44	000629-94-7	87
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
Data File : BM024359.D
Acq On : 28 Dec 2019 20:59
Operator : JU
Sample : K6278-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C69

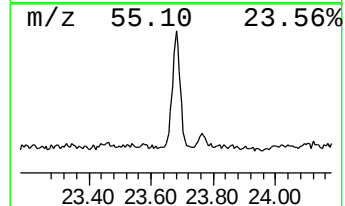
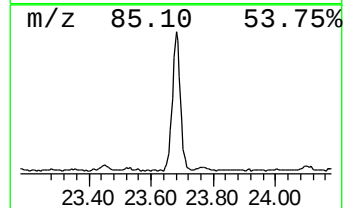
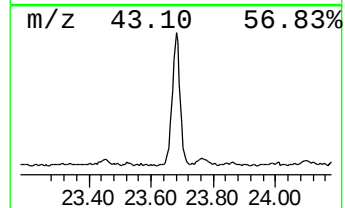
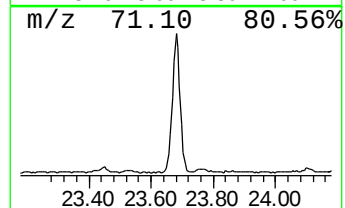
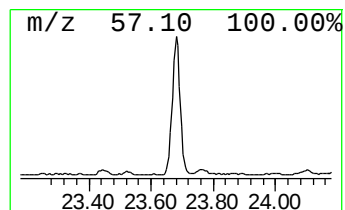
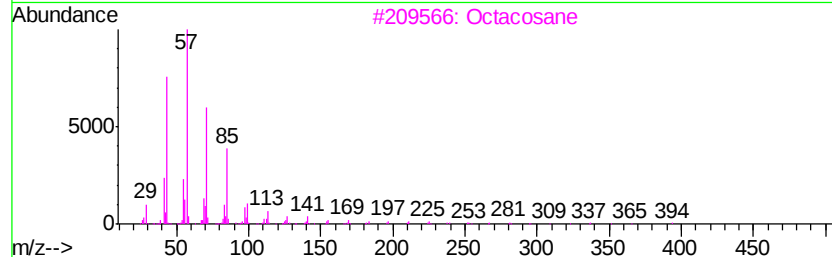
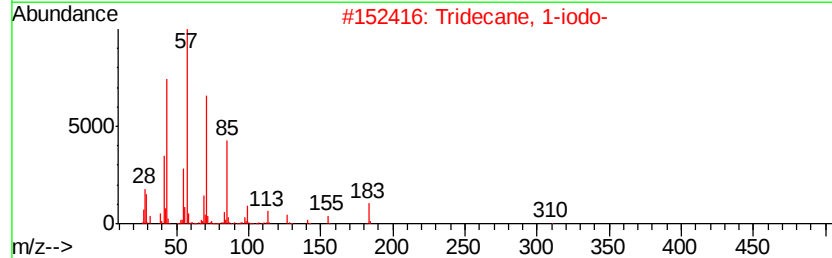
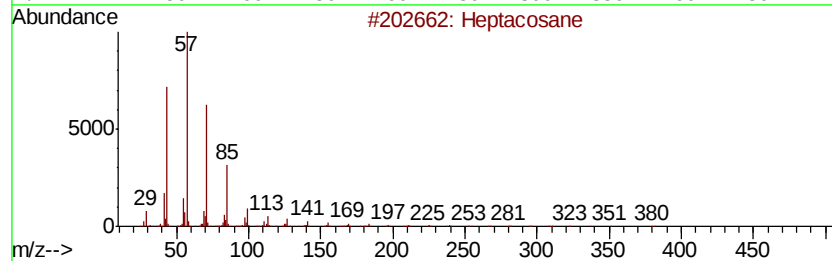
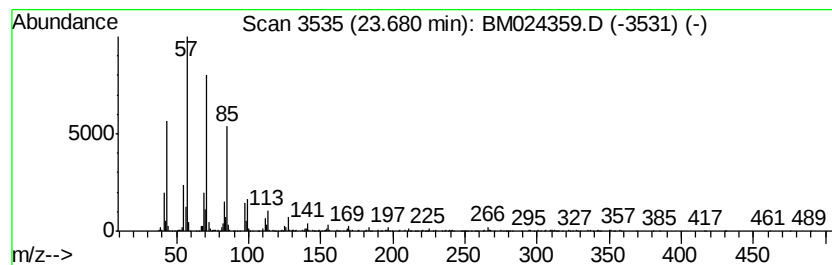
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.68	5.90 ng/ul	1146760	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	93
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
3		Octacosane	394	C28H58	000630-02-4	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
Data File : BM024359.D
Acq On : 28 Dec 2019 20:59
Operator : JU
Sample : K6278-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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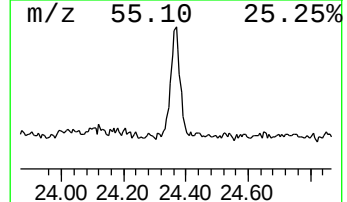
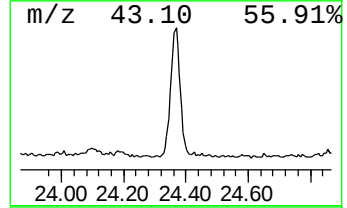
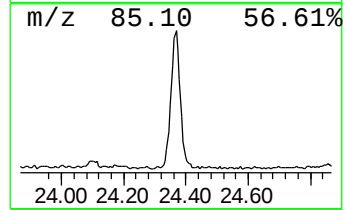
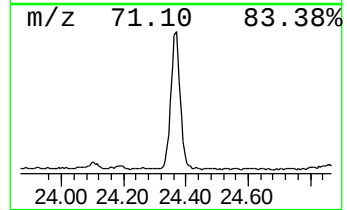
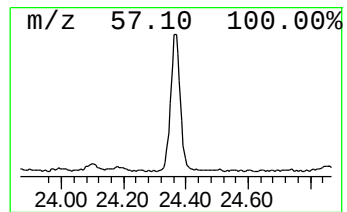
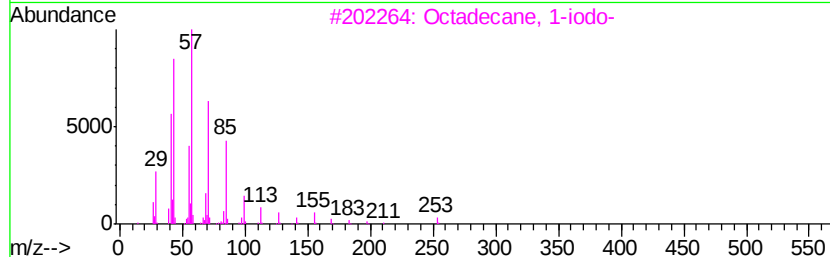
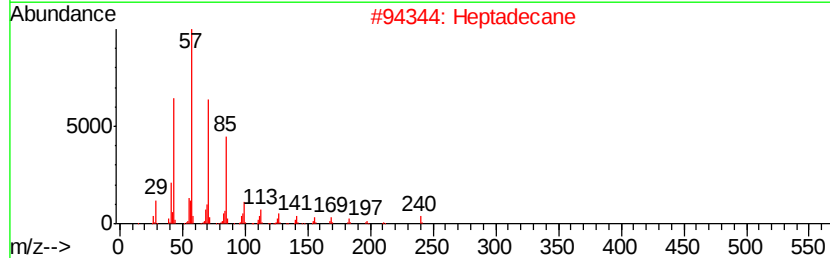
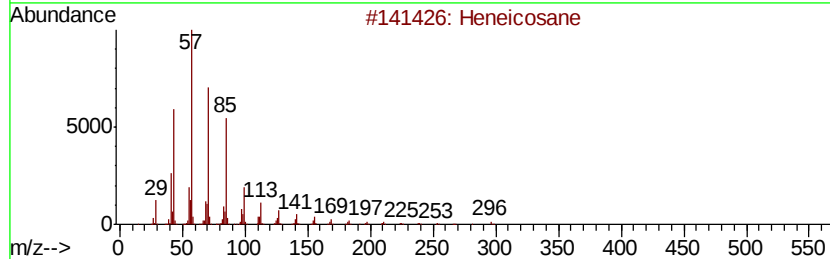
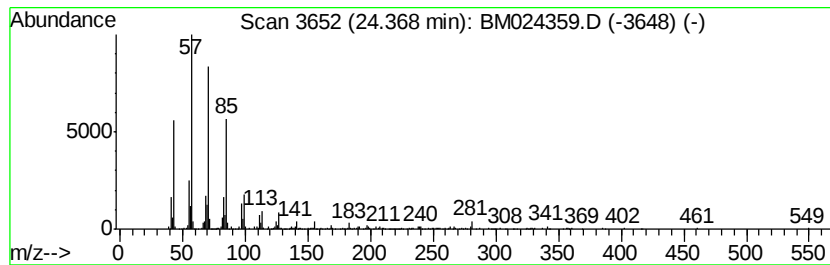
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.37	4.21 ng/ul	818480	Perylene-d12	23.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Heptadecane	240	C17H36	000629-78-7	87
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4		Octadecane	254	C18H38	000593-45-3	80
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122819\
Data File : BM024359.D
Acq On : 28 Dec 2019 20:59
Operator : JU
Sample : K6278-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0C69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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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(DEL) Alkane: Str...	21.23	2.3	ng/ul	426463	5	21.05	3745040	20.0
(DEL) Alkane: Str...	21.65	3.9	ng/ul	731674	5	21.05	3745040	20.0
(DEL) Alkane: Str...	22.09	5.1	ng/ul	958881	5	21.05	3745040	20.0
(DEL) Alkane: Str...	22.56	6.2	ng/ul	1205500	6	23.17	3888860	20.0
(DEL) Alkane: Str...	23.68	5.9	ng/ul	1146760	6	23.17	3888860	20.0
(DEL) Alkane: Str...	24.37	4.2	ng/ul	818480	6	23.17	3888860	20.0