

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
 Data File : BM024069.D
 Acq On : 12 Dec 2019 21:24
 Operator : JU
 Sample : K6089-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BQ4

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-BM112719MA.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	3.028	22	24	39	rVB	56662	112921	1.86%	0.133%
2	3.534	107	110	115	rBV3	23244	33117	0.54%	0.039%
3	3.646	124	129	135	rVB	44831	78874	1.30%	0.093%
4	3.728	140	143	148	rVB	26927	37817	0.62%	0.045%
5	4.634	293	297	305	rVV	58297	97362	1.60%	0.115%
6	5.587	453	459	468	rVB	13014	43093	0.71%	0.051%
7	6.122	546	550	554	rVV7	12586	20575	0.34%	0.024%
8	6.663	634	642	660	rVV2	1066238	2139513	35.15%	2.520%
9	6.822	663	669	688	rVB	851614	1434009	23.56%	1.689%
10	7.010	694	701	714	rVV	1116340	1850983	30.41%	2.180%
11	7.110	714	718	725	rVB8	18052	36011	0.59%	0.042%
12	7.469	771	779	789	rBV	1843892	2905095	47.72%	3.421%
13	8.186	895	901	915	rBV	1171920	2006994	32.97%	2.364%
14	8.298	915	920	927	rVV	61406	129002	2.12%	0.152%
15	8.622	968	975	984	rVV	1016470	1739964	28.58%	2.049%
16	8.704	985	989	997	rVV3	31041	64216	1.05%	0.076%
17	8.804	1001	1006	1014	rVB8	18408	44001	0.72%	0.052%
18	9.063	1045	1050	1055	rBV3	28628	47373	0.78%	0.056%
19	9.169	1063	1068	1073	rVB7	12076	20076	0.33%	0.024%
20	9.339	1090	1097	1109	rBV	840138	1459549	23.98%	1.719%
21	9.616	1140	1144	1150	rVV9	10068	21409	0.35%	0.025%
22	9.692	1154	1157	1165	rVB8	12082	25319	0.42%	0.030%
23	9.875	1179	1188	1203	rBV	1339883	2355948	38.70%	2.775%
24	10.239	1242	1250	1263	rBV	2647777	4388139	72.09%	5.168%
25	10.392	1268	1276	1296	rBV	819195	1682960	27.65%	1.982%
26	11.080	1388	1393	1400	rBV8	14246	33884	0.56%	0.040%
27	11.286	1423	1428	1433	rBV	37666	60559	0.99%	0.071%
28	11.698	1493	1498	1505	rVB	42677	73379	1.21%	0.086%
29	11.839	1517	1522	1529	rVV2	29437	55536	0.91%	0.065%
30	11.921	1529	1536	1543	rVB4	24378	48056	0.79%	0.057%
31	12.145	1567	1574	1579	rBV2	22108	34912	0.57%	0.041%
32	12.216	1583	1586	1592	rVB5	13374	20170	0.33%	0.024%
33	12.527	1636	1639	1646	rVB6	11981	19810	0.33%	0.023%
34	12.674	1660	1664	1668	rVV2	24124	36621	0.60%	0.043%

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35	12.968	1707	1714	1720	rVV2	68040	107522	1.77%	0.127%
36	13.451	1791	1796	1801	rVV3	30212	51640	0.85%	0.061%
37	13.504	1801	1805	1808	rVV2	21007	29478	0.48%	0.035%
38	13.551	1808	1813	1818	rVV	2456692	3441005	56.53%	4.053%
39	13.598	1818	1821	1831	rVV	540244	803935	13.21%	0.947%
40	13.680	1831	1835	1841	rVB5	27039	46780	0.77%	0.055%
41	13.815	1851	1858	1869	rBV	2912762	4275329	70.23%	5.035%
42	14.057	1894	1899	1904	rVB	77502	93668	1.54%	0.110%
43	14.127	1904	1911	1921	rBV	3925878	5843876	96.00%	6.883%
44	14.221	1925	1927	1934	rVB6	15055	20505	0.34%	0.024%
45	14.368	1945	1952	1970	rBV	436539	1006541	16.54%	1.185%
46	14.545	1977	1982	1984	rBV3	26657	47873	0.79%	0.056%
47	14.580	1984	1988	1992	rVB3	66365	92400	1.52%	0.109%
48	14.686	2002	2006	2011	rVB5	20441	31668	0.52%	0.037%
49	14.757	2014	2018	2023	rVV5	29074	54069	0.89%	0.064%
50	14.815	2024	2028	2032	rVB2	27625	38903	0.64%	0.046%
51	14.927	2043	2047	2050	rBV5	16952	23966	0.39%	0.028%
52	15.015	2058	2062	2066	rVB	82576	100953	1.66%	0.119%
53	15.086	2069	2074	2075	rBV5	15011	21045	0.35%	0.025%
54	15.133	2075	2082	2089	rBV	3706324	5237320	86.04%	6.168%
55	15.274	2101	2106	2118	rVV	771742	1129171	18.55%	1.330%
56	15.374	2119	2123	2126	rVV2	41573	53713	0.88%	0.063%
57	15.421	2128	2131	2136	rVB5	21558	31876	0.52%	0.038%
58	15.486	2138	2142	2153	rVB6	25367	68774	1.13%	0.081%
59	15.574	2153	2157	2161	rBV3	26179	40058	0.66%	0.047%
60	15.721	2179	2182	2186	rVB4	19513	29408	0.48%	0.035%
61	15.880	2204	2209	2213	rBV	107620	149618	2.46%	0.176%
62	16.245	2269	2271	2274	rVB3	20023	20880	0.34%	0.025%
63	16.439	2298	2304	2308	rBV5	30011	64072	1.05%	0.075%
64	16.551	2318	2323	2331	rVB7	38503	81533	1.34%	0.096%
65	16.627	2331	2336	2340	rBV5	29804	63924	1.05%	0.075%
66	16.674	2340	2344	2347	rBV	107221	122144	2.01%	0.144%
67	16.886	2373	2380	2385	rBV	4332376	6087279	100.00%	7.169%
68	16.927	2385	2387	2391	rVV	111269	125204	2.06%	0.147%
69	16.980	2391	2396	2410	rVV2	3428280	4973250	81.70%	5.857%
70	17.086	2410	2414	2418	rVB7	17514	33292	0.55%	0.039%
71	17.209	2431	2435	2440	rVB5	38463	59271	0.97%	0.070%

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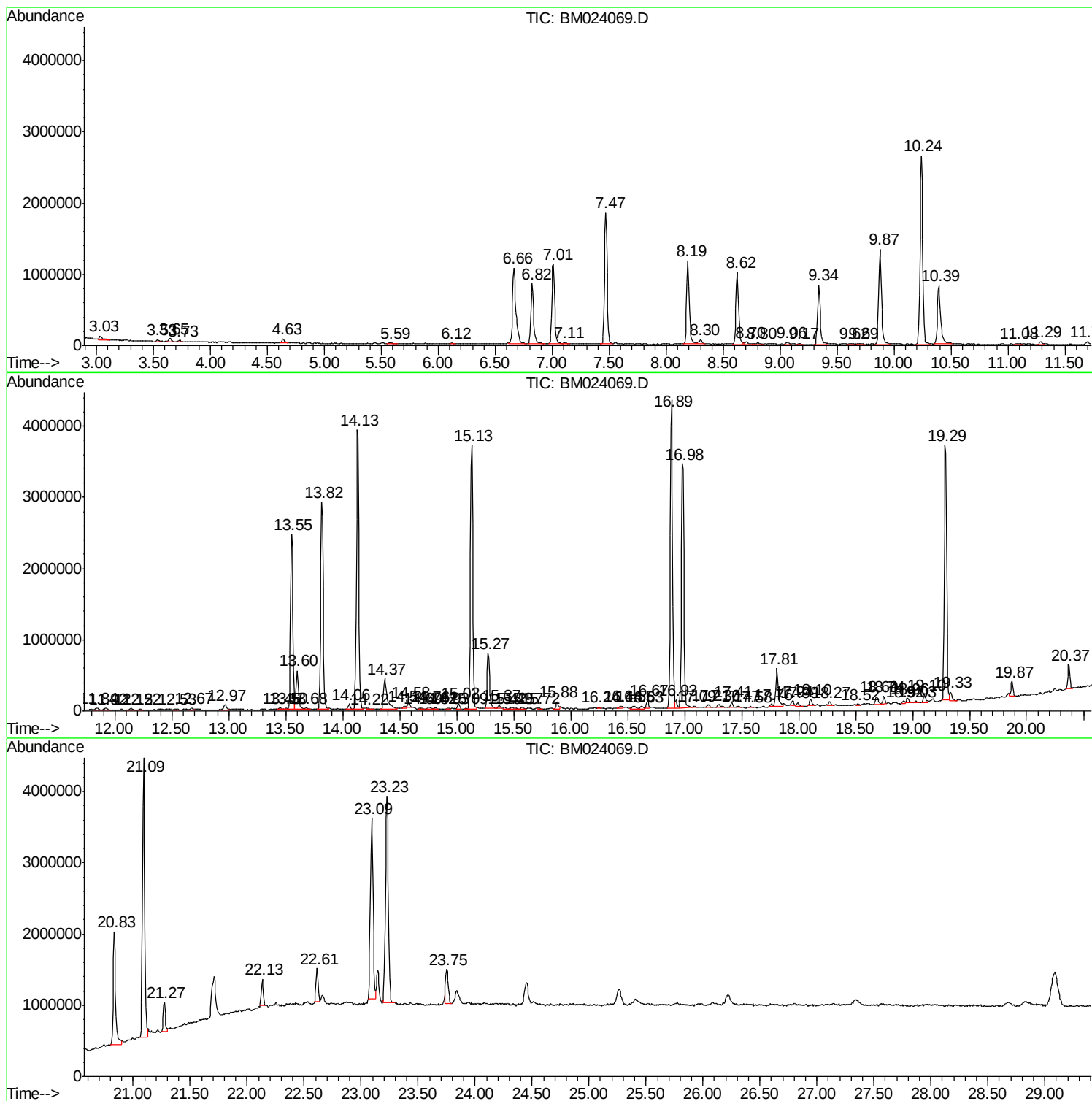
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72	17.304	2446	2451	2459	rVV10	36681	75058	1.23%	0.088%
73	17.409	2466	2469	2473	rVB	83428	93781	1.54%	0.110%
74	17.474	2476	2480	2484	rVB4	20121	34629	0.57%	0.041%
75	17.580	2494	2498	2501	rBV5	17261	28363	0.47%	0.033%
76	17.762	2525	2529	2532	rBV2	43368	52862	0.87%	0.062%
77	17.809	2532	2537	2546	rBV	535783	805484	13.23%	0.949%
78	17.945	2557	2560	2565	rVV2	58080	85437	1.40%	0.101%
79	17.992	2565	2568	2575	rVB2	53448	83178	1.37%	0.098%
80	18.103	2583	2587	2593	rBV	85173	125230	2.06%	0.147%
81	18.268	2612	2615	2622	rVB	44301	69360	1.14%	0.082%
82	18.521	2655	2658	2661	rVB4	22784	25440	0.42%	0.030%
83	18.686	2681	2686	2692	rBV3	105065	190613	3.13%	0.224%
84	18.745	2692	2696	2700	rVB	107125	137428	2.26%	0.162%
85	18.921	2723	2726	2729	rBV	35258	46847	0.77%	0.055%
86	18.956	2729	2732	2740	rVB2	66233	98929	1.63%	0.117%
87	19.027	2742	2744	2749	rVB2	30201	28943	0.48%	0.034%
88	19.103	2753	2757	2762	rBV	109810	162393	2.67%	0.191%
89	19.286	2783	2788	2794	rBV	3577015	5022538	82.51%	5.915%
90	19.333	2794	2796	2805	rVB2	123878	169739	2.79%	0.200%
91	19.874	2884	2888	2892	rVB	203860	228125	3.75%	0.269%
92	20.368	2969	2972	2978	rBV	331190	384593	6.32%	0.453%
93	20.833	3046	3051	3062	rBV	1596469	2377624	39.06%	2.800%
94	21.091	3090	3095	3101	rBV	3917066	4993914	82.04%	5.882%
95	21.274	3122	3126	3130	rBV	407679	504771	8.29%	0.594%
96	22.133	3269	3272	3276	rVB	372494	431604	7.09%	0.508%
97	22.615	3350	3354	3358	rVB	471320	633535	10.41%	0.746%
98	23.091	3430	3435	3441	rBV	2530254	4332775	71.18%	5.103%
99	23.227	3452	3458	3469	rVB	2899738	5218353	85.73%	6.146%
100	23.750	3544	3547	3554	rVB	487848	807685	13.27%	0.951%

Sum of corrected areas: 84908421

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



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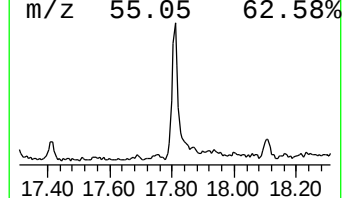
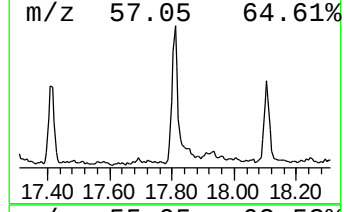
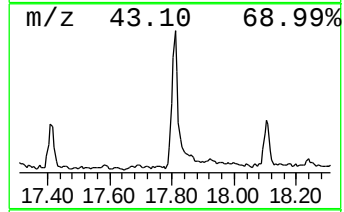
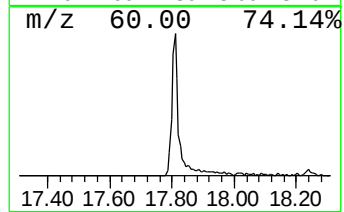
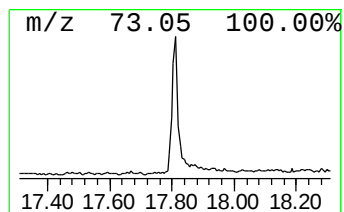
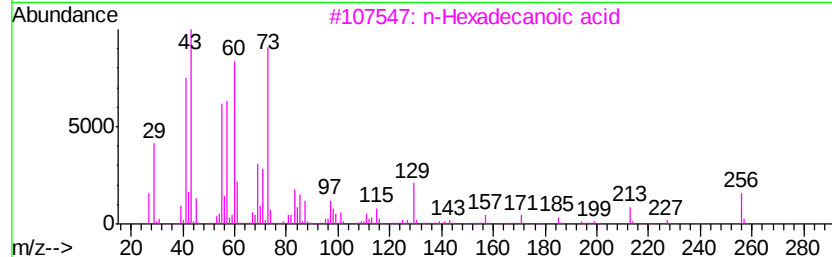
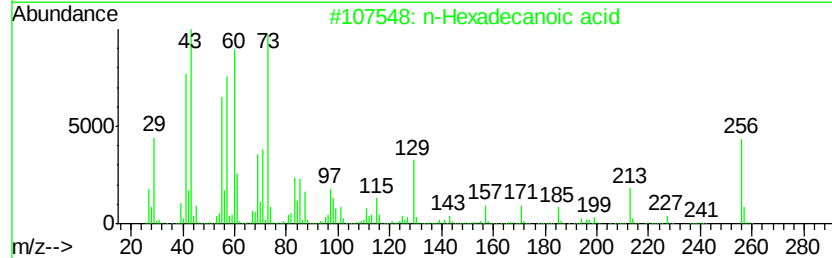
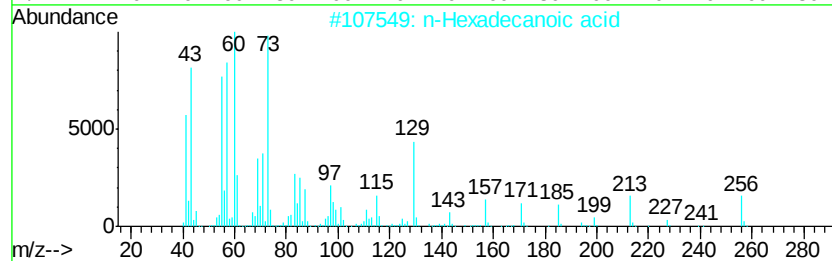
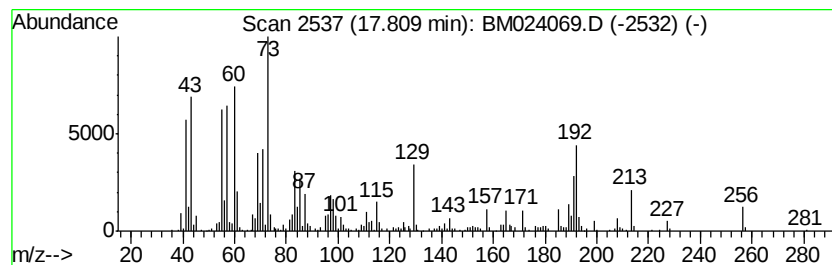
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	2.65 ng/ul	805484	Phenanthrene-d10	16.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	62



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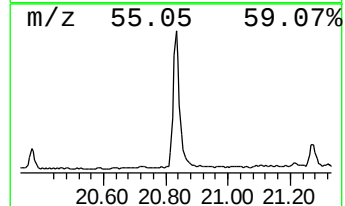
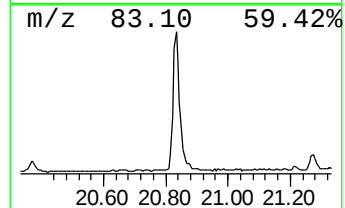
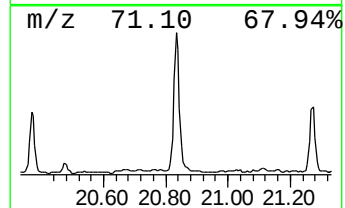
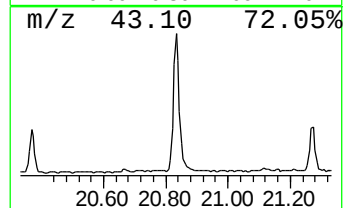
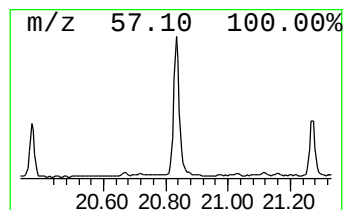
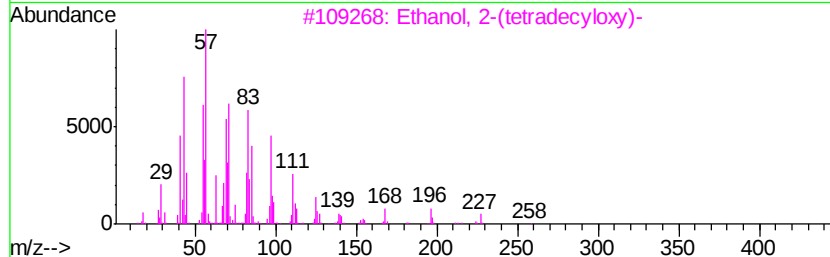
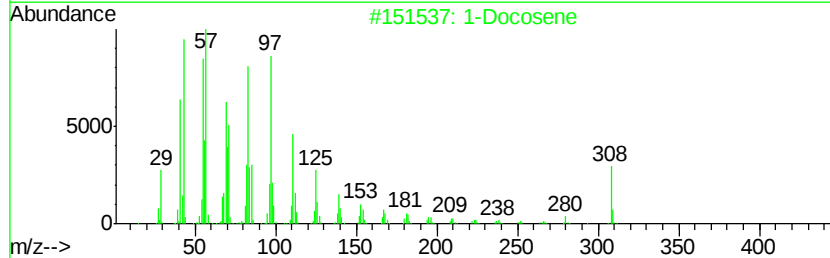
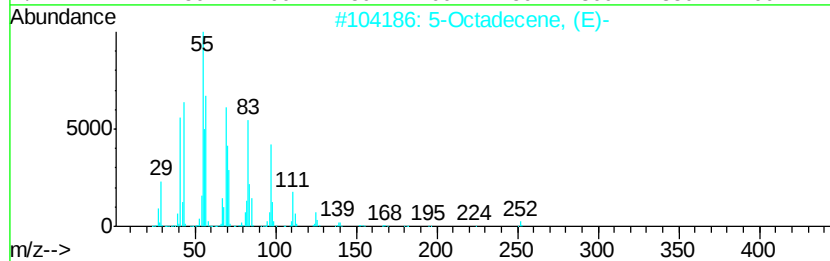
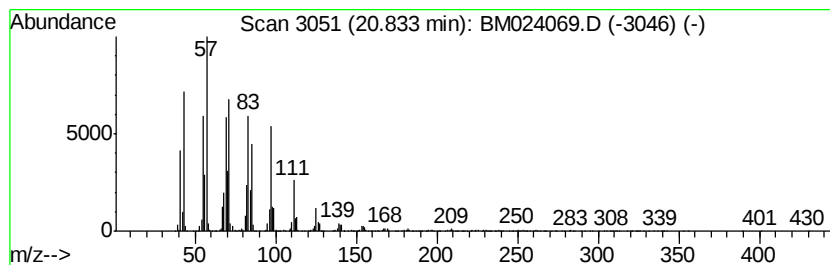
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic20.83 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	9.52 ng/ul	2377620	Chrysene-d12	21.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Octadecene, (E)-	252	C18H36	007206-21-5	96
2			1-Docosene	308	C22H44	001599-67-3	95
3			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4			Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
5			Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91



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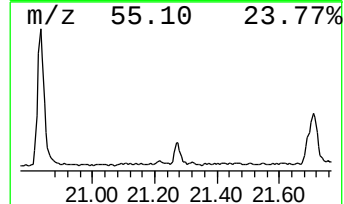
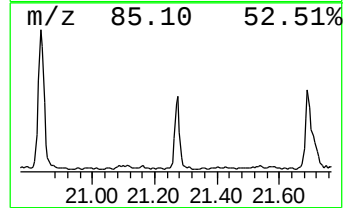
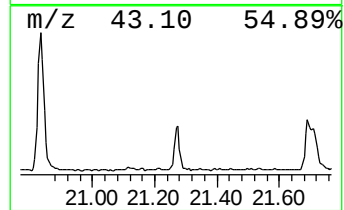
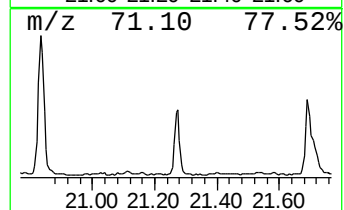
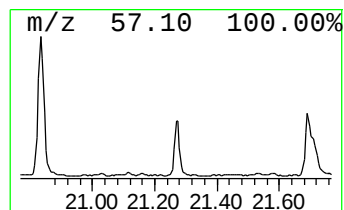
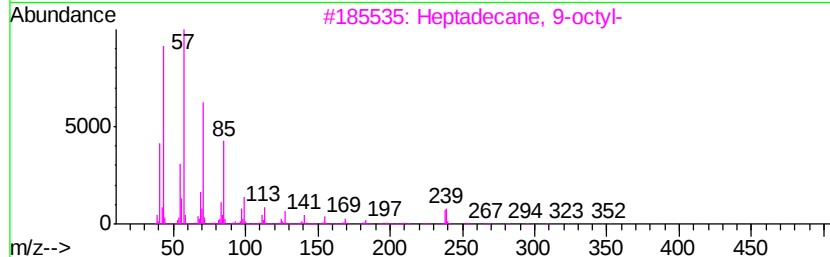
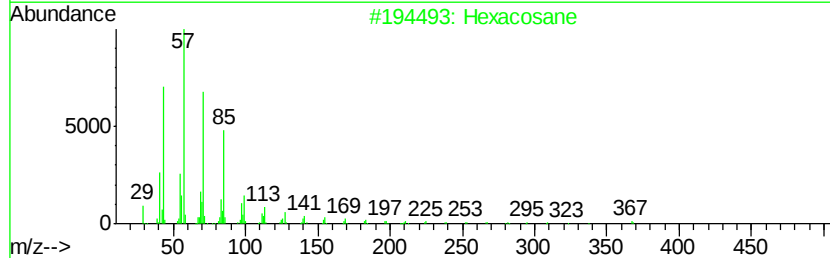
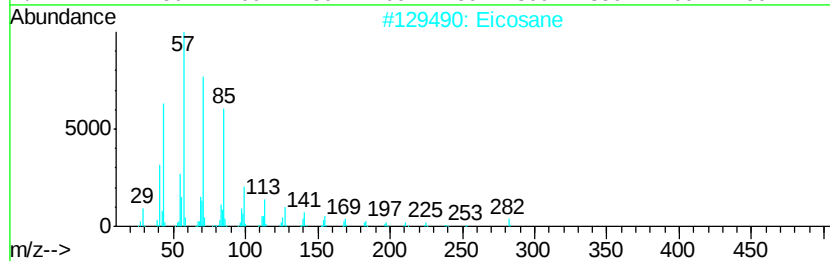
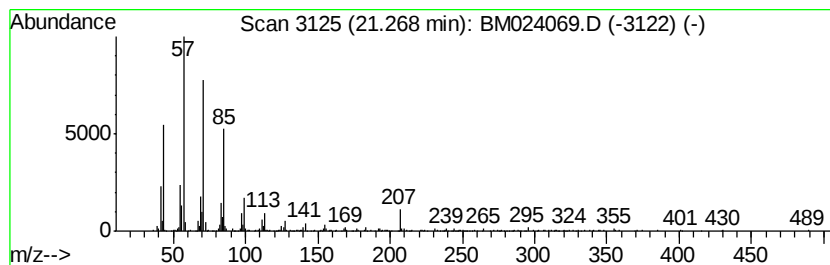
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	2.02 ng/ul	504771	Chrysene-d12	21.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane		282 C20H42	000112-95-8 97
2	Hexacosane		366 C26H54	000630-01-3 91
3	Heptadecane, 9-octyl-		352 C25H52	007225-64-1 91
4	Heneicosane		296 C21H44	000629-94-7 91
5	Tetracosane		338 C24H50	000646-31-1 91



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BNA_M
ClientSampleId :
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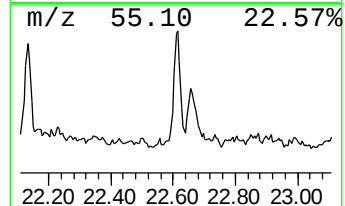
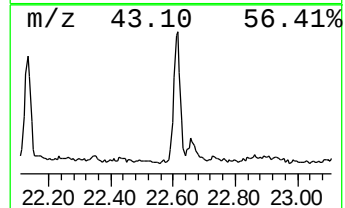
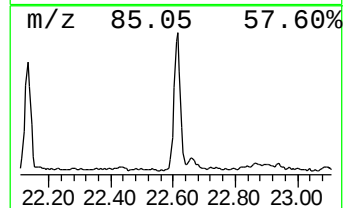
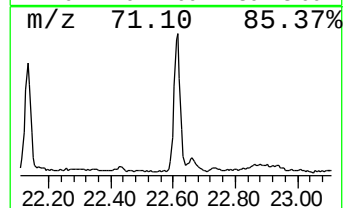
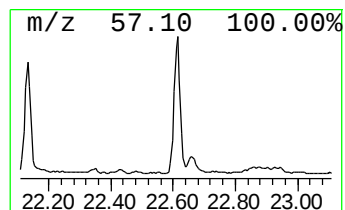
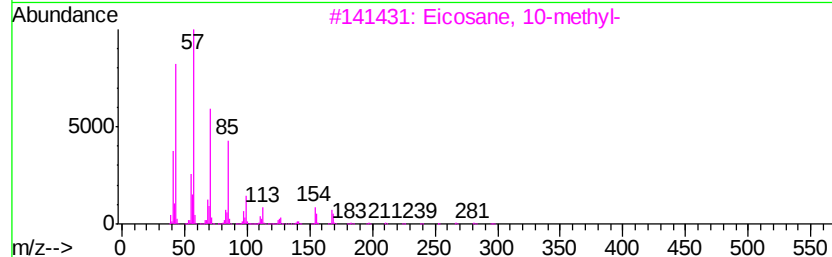
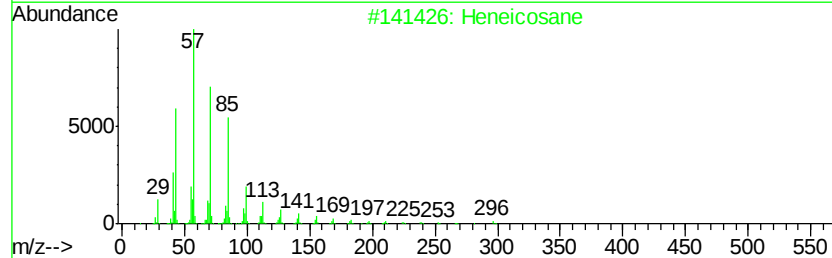
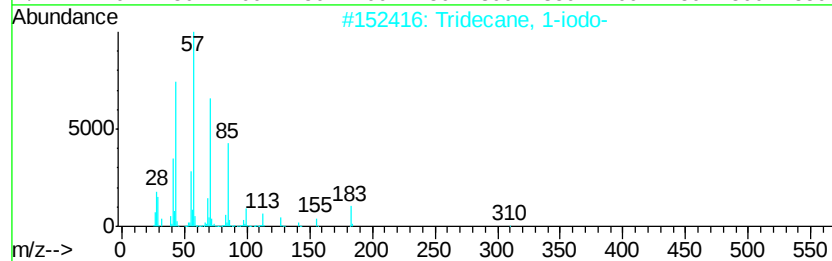
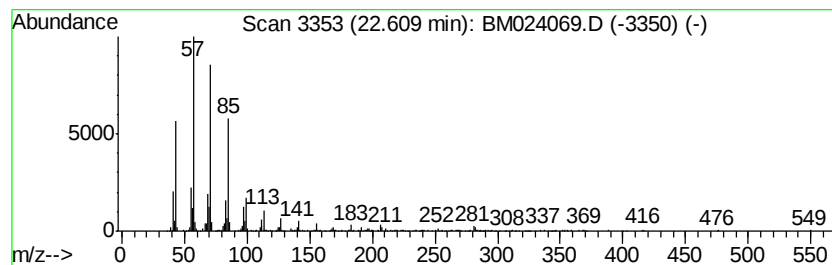
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Tridecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	2.43 ng/ul	633535	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024069.D
Acq On : 12 Dec 2019 21:24
Operator : JU
Sample : K6089-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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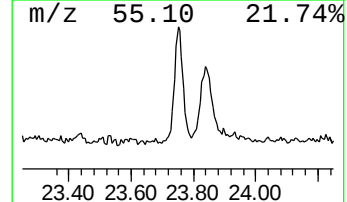
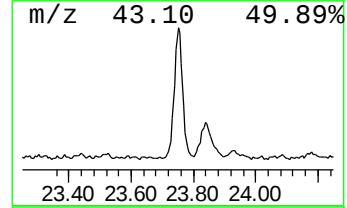
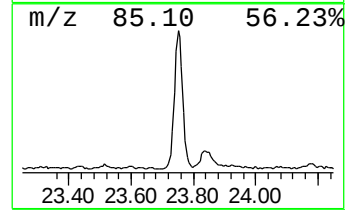
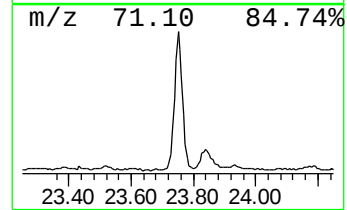
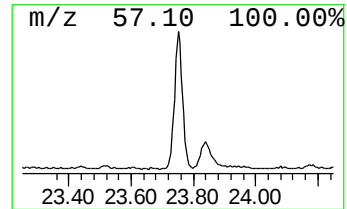
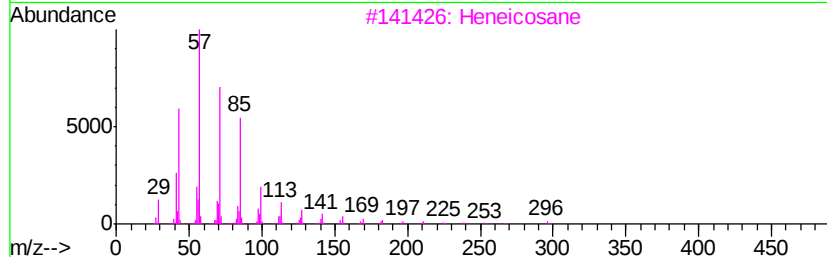
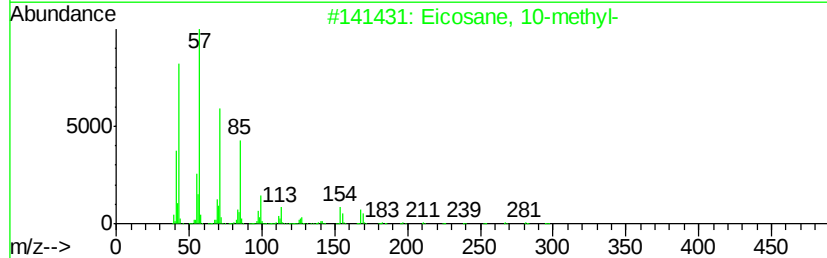
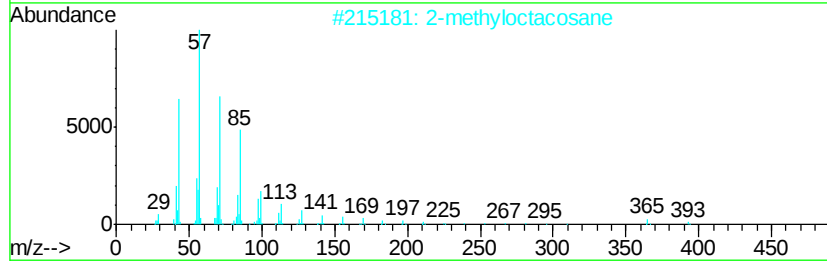
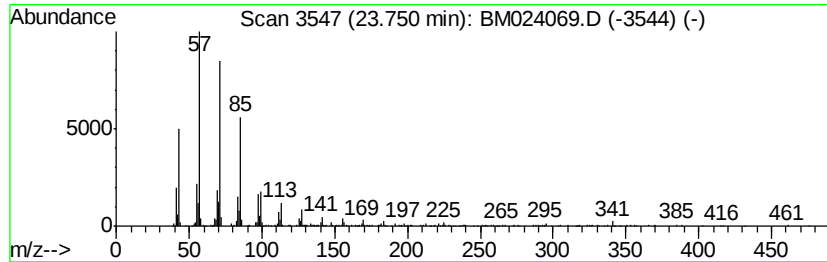
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.75	3.10 ng/ul	807685	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024069.D
Acq On : 12 Dec 2019 21:24
Operator : JU
Sample : K6089-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BQ4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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	17.81	2.6	ng/ul	805484	4	16.89	6087280	20.0
(DEL) Alkane: Cyc...	20.83	9.5	ng/ul	2377620	5	21.09	4993910	20.0
(DEL) Alkane: Str...	21.27	2.0	ng/ul	504771	5	21.09	4993910	20.0
Tridecane, 1-iodo-	22.61	2.4	ng/ul	633535	6	23.23	5218350	20.0
(DEL) Alkane: Str...	23.75	3.1	ng/ul	807685	6	23.23	5218350	20.0