

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
 Data File : BM024075.D
 Acq On : 13 Dec 2019 00:58
 Operator : JU
 Sample : K6089-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BR1

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	3.034	22	25	40	rVB	70466	140590	2.30%	0.154%
2	3.534	108	110	117	rVB	18315	25818	0.42%	0.028%
3	3.651	124	130	137	rVB	43572	85744	1.40%	0.094%
4	3.728	140	143	151	rVB	29327	42389	0.69%	0.047%
5	4.634	293	297	305	rBV	49280	81620	1.33%	0.090%
6	6.616	630	634	635	rBV3	12758	16217	0.26%	0.018%
7	6.663	635	642	655	rVV2	1146875	2200035	35.94%	2.415%
8	6.822	663	669	684	rBV	908218	1492753	24.38%	1.639%
9	7.004	694	700	714	rVV	1195050	1992724	32.55%	2.188%
10	7.110	714	718	726	rVB8	15121	34438	0.56%	0.038%
11	7.469	770	779	790	rBV	1769083	2802894	45.79%	3.077%
12	8.186	895	901	913	rBV	1342281	2229216	36.41%	2.447%
13	8.304	914	921	929	rVB	54241	115816	1.89%	0.127%
14	8.622	968	975	986	rVV	1076230	1845675	30.15%	2.026%
15	8.704	987	989	997	rVV6	17936	25985	0.42%	0.029%
16	8.804	997	1006	1013	rVB6	13856	38876	0.64%	0.043%
17	9.063	1045	1050	1054	rBV	35765	57615	0.94%	0.063%
18	9.169	1064	1068	1075	rVB7	8812	17037	0.28%	0.019%
19	9.339	1089	1097	1109	rBV	873560	1532796	25.04%	1.683%
20	9.875	1180	1188	1206	rBV	1420904	2514002	41.07%	2.760%
21	10.039	1212	1216	1221	rVB7	9609	19304	0.32%	0.021%
22	10.239	1240	1250	1264	rBV	2493327	4055348	66.24%	4.452%
23	10.392	1268	1276	1298	rVV	1030308	2087457	34.10%	2.292%
24	11.092	1387	1395	1401	rBV9	9293	22014	0.36%	0.024%
25	11.286	1421	1428	1433	rBV2	28261	48014	0.78%	0.053%
26	11.551	1469	1473	1479	rVB7	7980	16580	0.27%	0.018%
27	11.692	1492	1497	1503	rVB8	12256	27270	0.45%	0.030%
28	11.845	1518	1523	1530	rVV3	26282	51319	0.84%	0.056%
29	11.922	1530	1536	1543	rVB9	10204	24764	0.40%	0.027%
30	12.610	1648	1653	1659	rBV7	9750	19249	0.31%	0.021%
31	12.674	1659	1664	1668	rVV3	21494	36781	0.60%	0.040%
32	12.739	1671	1675	1679	rVB3	10391	17861	0.29%	0.020%
33	12.969	1710	1714	1721	rVB3	24982	37219	0.61%	0.041%
34	13.551	1807	1813	1818	rVV	2805346	3849851	62.89%	4.227%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : SVOA CALIBRATION

35	13.598	1818	1821	1832	rVV	590481	865991	14.15%	0.951%
36	13.674	1832	1834	1839	rVB6	16127	23509	0.38%	0.026%
37	13.816	1851	1858	1869	rBV	3134842	4592623	75.02%	5.042%
38	13.957	1880	1882	1886	rVB4	15242	19294	0.32%	0.021%
39	14.057	1891	1899	1903	rBV2	30107	41602	0.68%	0.046%
40	14.127	1903	1911	1925	rBV2	3544677	5301199	86.60%	5.820%
41	14.368	1945	1952	1973	rBV	544083	1218152	19.90%	1.337%
42	14.545	1977	1982	1983	rVV4	18153	23764	0.39%	0.026%
43	14.580	1984	1988	1993	rVB3	57544	88217	1.44%	0.097%
44	14.680	2002	2005	2011	rVB6	17240	23984	0.39%	0.026%
45	14.757	2013	2018	2024	rBV5	26840	49302	0.81%	0.054%
46	14.810	2025	2027	2030	rVB3	14955	16886	0.28%	0.019%
47	14.927	2043	2047	2051	rBV3	20496	36754	0.60%	0.040%
48	14.963	2051	2053	2058	rVB4	16010	19884	0.32%	0.022%
49	15.015	2058	2062	2065	rVB	35723	41151	0.67%	0.045%
50	15.133	2075	2082	2092	rBV	3929792	5641703	92.16%	6.194%
51	15.274	2097	2106	2118	rBV	889203	1329953	21.72%	1.460%
52	15.374	2118	2123	2126	rVV2	44293	64407	1.05%	0.071%
53	15.421	2128	2131	2135	rVB4	23916	34660	0.57%	0.038%
54	15.480	2135	2141	2142	rBV6	9965	15941	0.26%	0.018%
55	15.574	2153	2157	2161	rBV	42378	55056	0.90%	0.060%
56	15.721	2175	2182	2188	rVB9	11692	29684	0.48%	0.033%
57	15.827	2196	2200	2205	rBV7	13895	24770	0.40%	0.027%
58	15.880	2205	2209	2212	rBV2	54797	78350	1.28%	0.086%
59	16.245	2268	2271	2276	rVB3	15936	20674	0.34%	0.023%
60	16.339	2283	2287	2291	rBV6	9758	18459	0.30%	0.020%
61	16.433	2299	2303	2304	rBV4	14356	16403	0.27%	0.018%
62	16.562	2319	2325	2330	rBV6	27413	60794	0.99%	0.067%
63	16.621	2331	2335	2340	rVV6	26660	43749	0.71%	0.048%
64	16.674	2340	2344	2348	rVV	82141	109198	1.78%	0.120%
65	16.721	2350	2352	2357	rVB4	16939	25250	0.41%	0.028%
66	16.886	2374	2380	2385	rBV	3854540	5522609	90.21%	6.063%
67	16.980	2391	2396	2407	rBV	4011157	5696060	93.05%	6.254%
68	17.092	2410	2415	2419	rBV6	29014	51542	0.84%	0.057%
69	17.304	2447	2451	2454	rBV5	19943	33088	0.54%	0.036%
70	17.409	2466	2469	2473	rBV	51237	59775	0.98%	0.066%
71	17.468	2476	2479	2485	rVB6	15983	24554	0.40%	0.027%

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Integration Parameters: LSCINT.P

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72	17.762	2525	2529	2532	rBV2	49861	58820	0.96%	0.065%
73	17.809	2532	2537	2545	rBV	513735	769489	12.57%	0.845%
74	17.945	2556	2560	2565	rVB	77949	114111	1.86%	0.125%
75	17.992	2565	2568	2573	rVB2	43981	67671	1.11%	0.074%
76	18.103	2584	2587	2593	rVB	75882	94000	1.54%	0.103%
77	18.274	2612	2616	2621	rBV3	34529	55624	0.91%	0.061%
78	18.515	2655	2657	2662	rVB5	25441	30271	0.49%	0.033%
79	18.574	2663	2667	2670	rBV4	28363	46853	0.77%	0.051%
80	18.692	2682	2687	2692	rBV	99038	157841	2.58%	0.173%
81	18.745	2692	2696	2700	rVV2	133419	172932	2.82%	0.190%
82	18.786	2700	2703	2706	rVB2	29336	33095	0.54%	0.036%
83	18.839	2708	2712	2720	rVV7	32300	68332	1.12%	0.075%
84	18.921	2722	2726	2728	rBV	48681	60122	0.98%	0.066%
85	18.956	2728	2732	2740	rVB2	87494	154468	2.52%	0.170%
86	19.103	2753	2757	2764	rBV2	136870	234493	3.83%	0.257%
87	19.286	2783	2788	2794	rBV	4433523	6121778	100.00%	6.721%
88	19.333	2794	2796	2801	rVB2	143562	158063	2.58%	0.174%
89	19.874	2884	2888	2891	rVB	188082	217522	3.55%	0.239%
90	20.368	2969	2972	2976	rVB	207020	231716	3.79%	0.254%
91	20.833	3046	3051	3062	rBV	1654637	2511780	41.03%	2.758%
92	21.092	3090	3095	3104	rBV	3829918	5163873	84.35%	5.669%
93	21.274	3122	3126	3131	rBV	396209	501220	8.19%	0.550%
94	21.692	3194	3197	3199	rBV	494088	673059	10.99%	0.739%
95	22.133	3269	3272	3276	rVB	556850	654706	10.69%	0.719%
96	22.609	3350	3353	3358	rVB	641442	851884	13.92%	0.935%
97	23.091	3429	3435	3441	rBV	3337798	5767543	94.21%	6.332%
98	23.144	3441	3444	3450	rVB	617717	951448	15.54%	1.045%
99	23.227	3452	3458	3468	rVB	2876478	5247812	85.72%	5.761%
100	23.750	3543	3547	3554	rVB	564707	989344	16.16%	1.086%

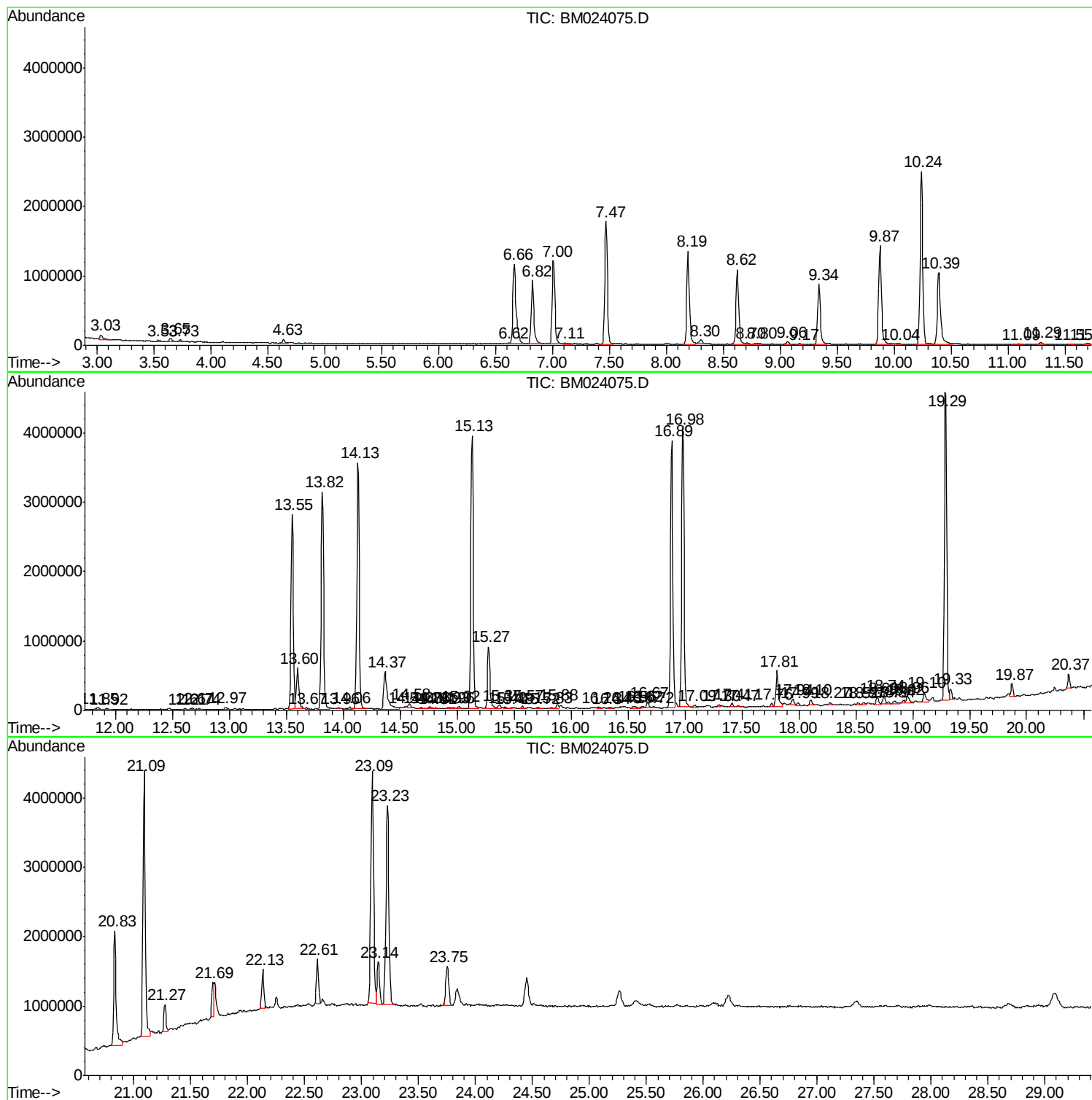
Sum of corrected areas: 91084132

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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



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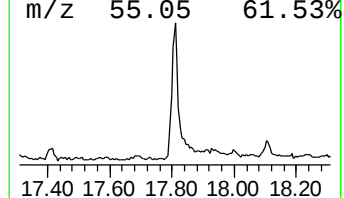
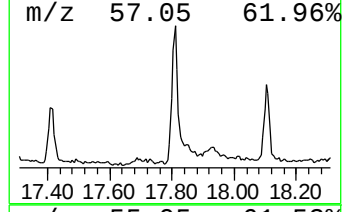
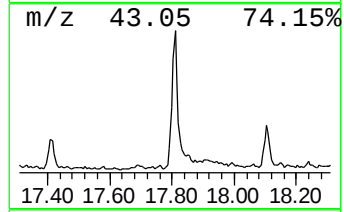
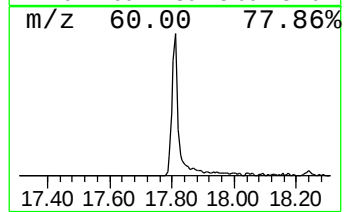
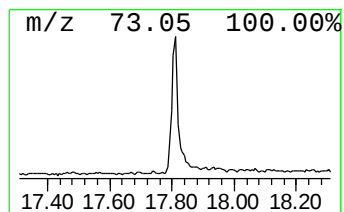
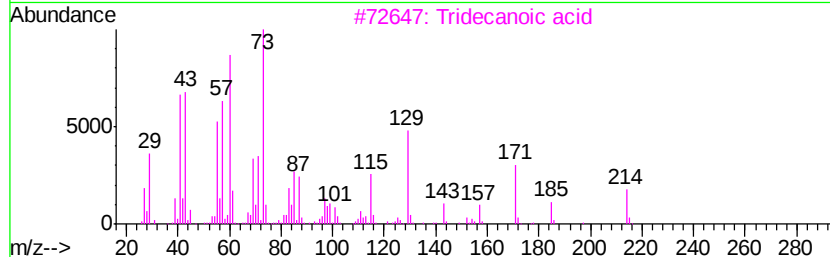
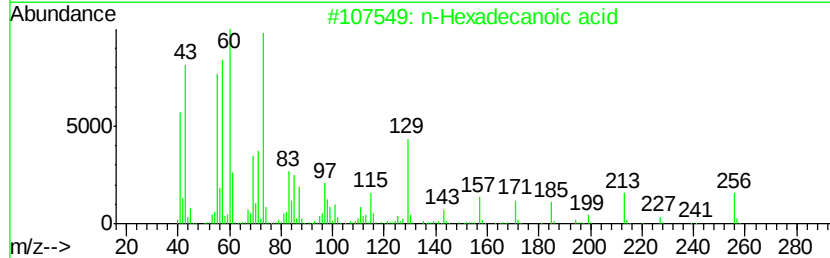
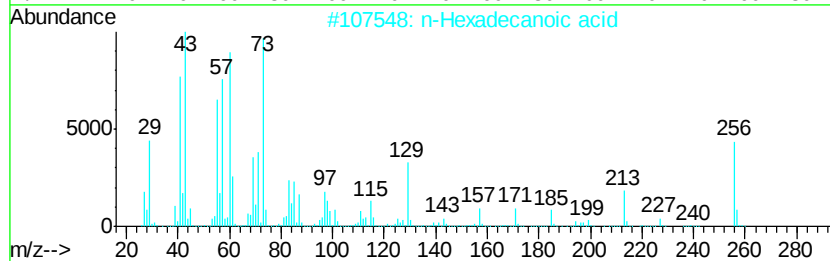
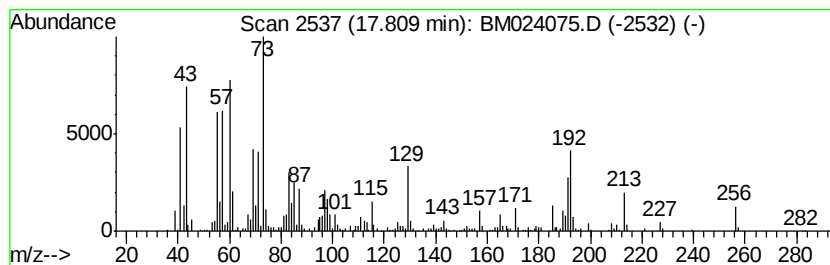
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.81	2.79 ng/ul	769489	Phenanthrene-d10	16.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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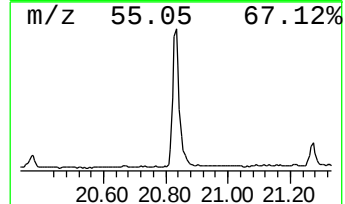
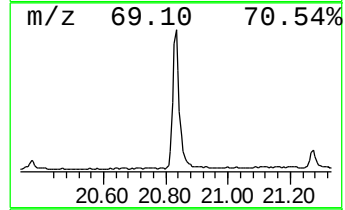
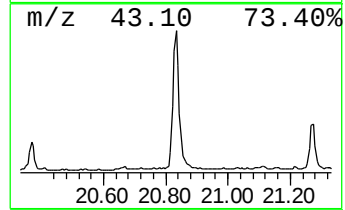
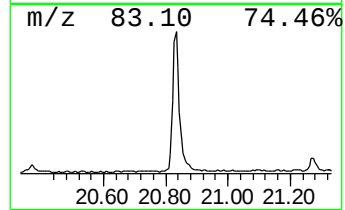
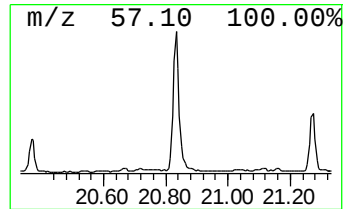
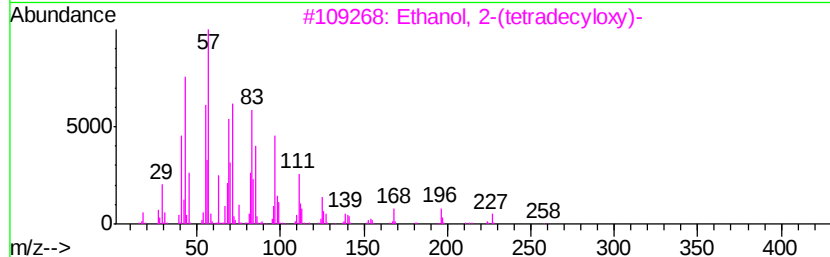
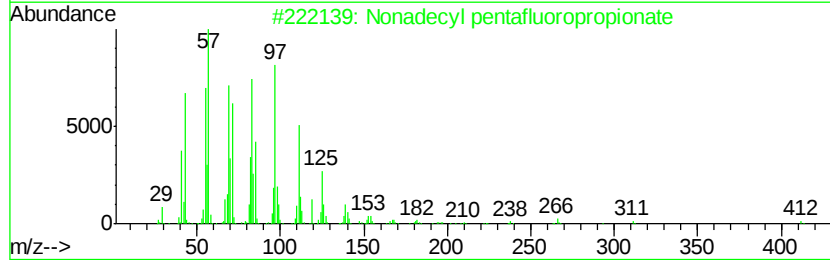
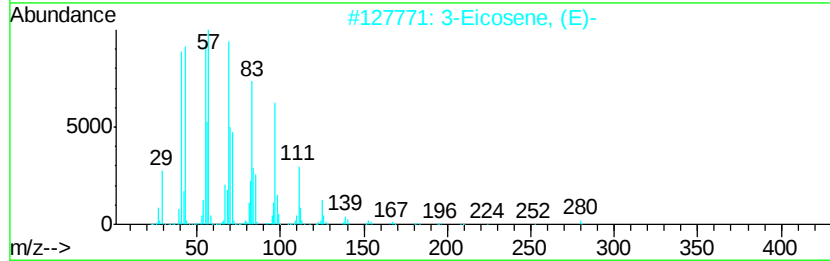
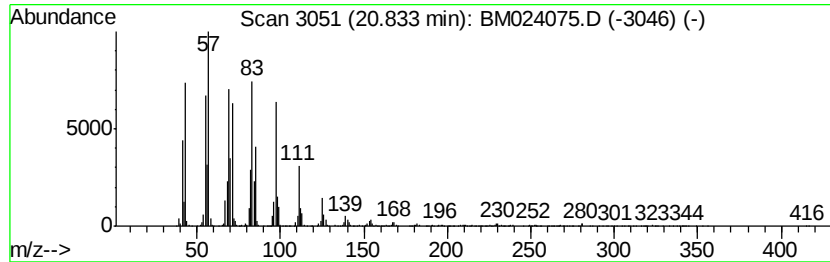
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.83	9.73 ng/ul	2511780	Chrysene-d12	21.09		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-		280	C20H40	074685-33-9	98
2	Nonadecyl pentafluoropropionate		430	C22H39F5O2	1000351-88-8	91
3	Ethanol, 2-(tetradecyloxy)-		258	C16H34O2	002136-70-1	91
4	Pentafluoropropionic acid, octad...		416	C21H37F5O2	959261-25-7	90
5	Dichloroacetic acid, heptadecyl ...		366	C19H36Cl2O2	1000282-98-2	87



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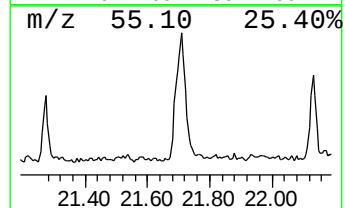
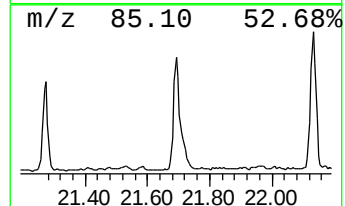
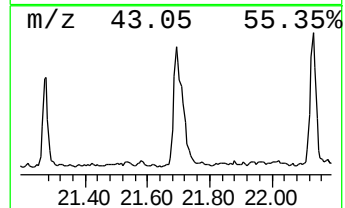
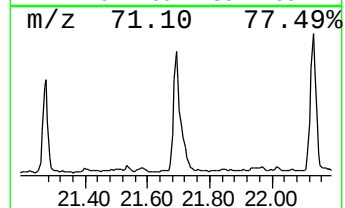
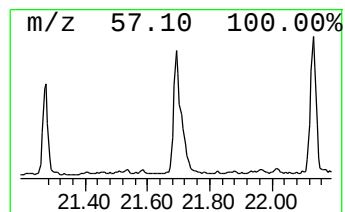
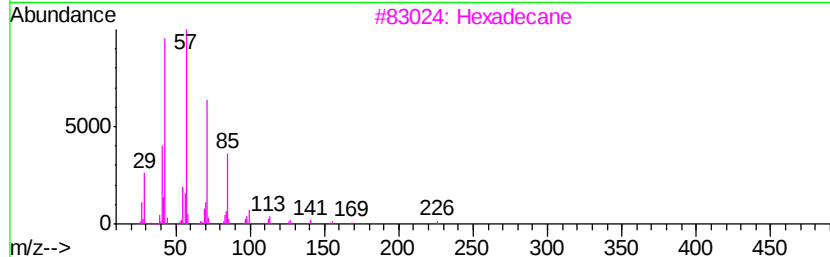
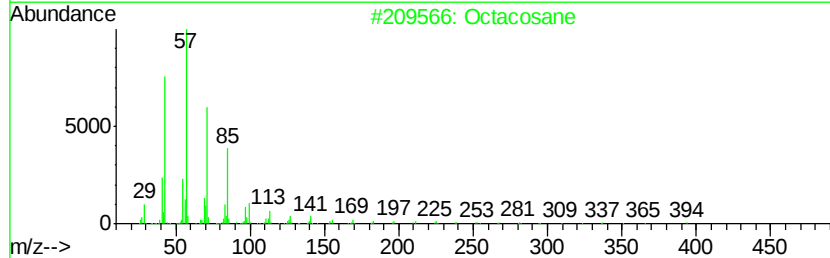
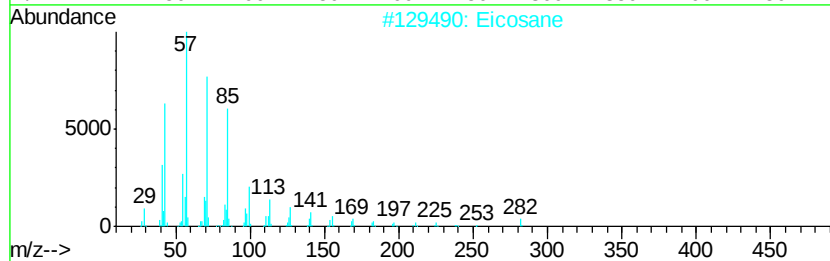
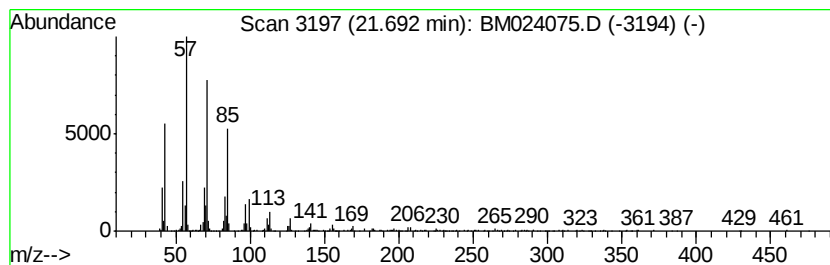
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	2.61 ng/ul	673059	Chrysene-d12	21.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Octacosane	394	C28H58	000630-02-4	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
5		Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024075.D
Acq On : 13 Dec 2019 00:58
Operator : JU
Sample : K6089-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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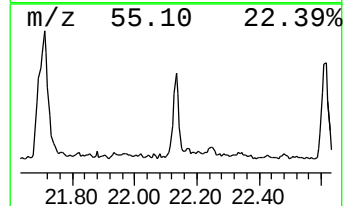
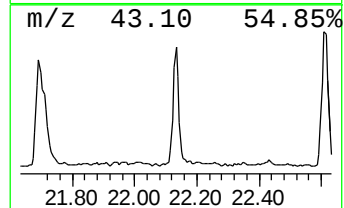
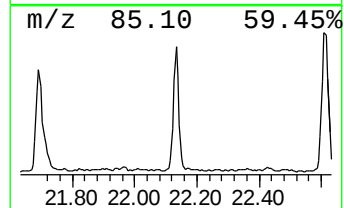
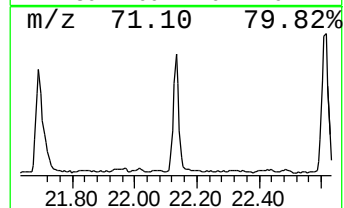
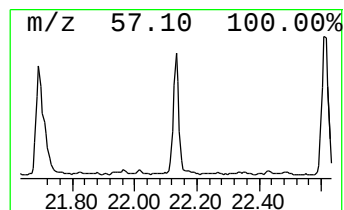
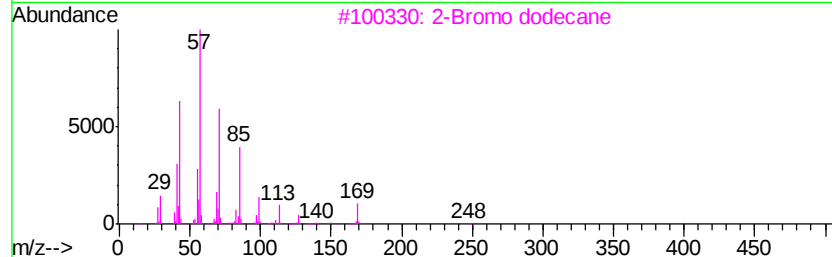
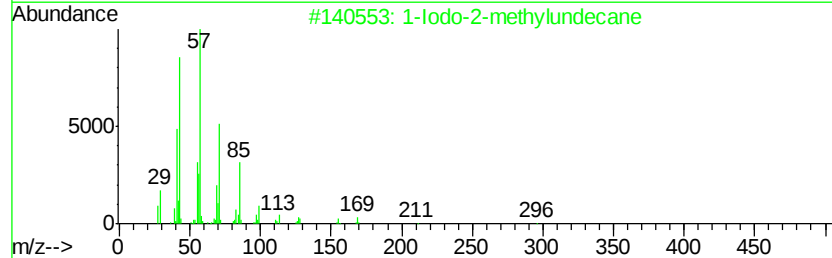
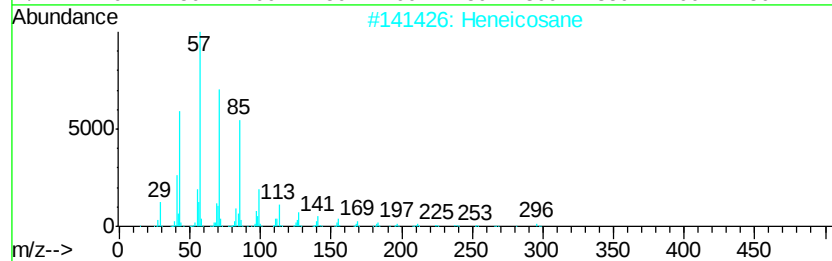
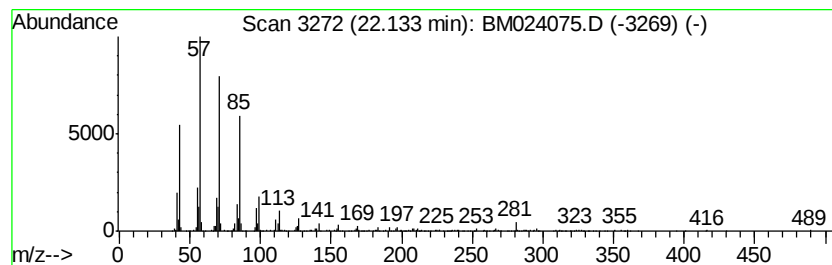
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	2.54 ng/ul	654706	Chrysene-d12	21.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024075.D
Acq On : 13 Dec 2019 00:58
Operator : JU
Sample : K6089-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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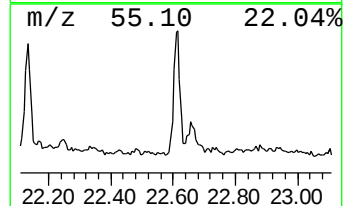
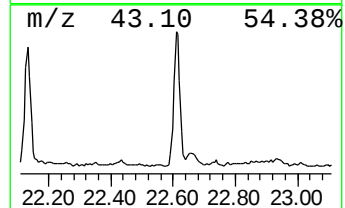
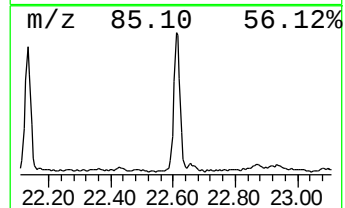
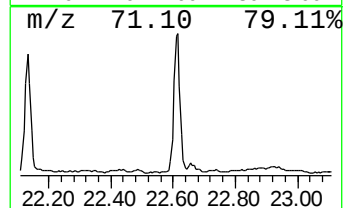
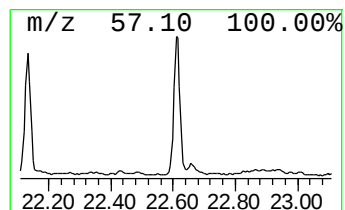
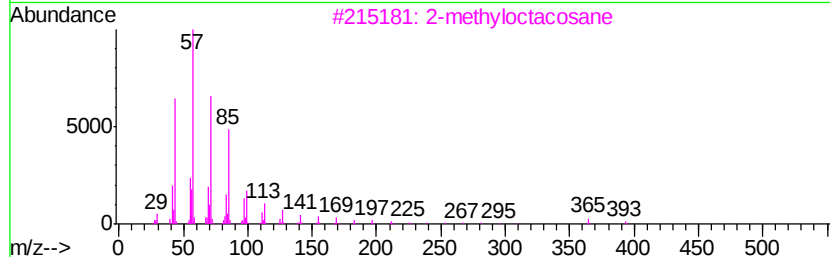
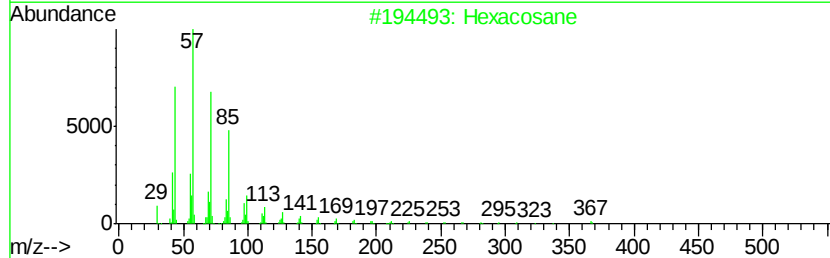
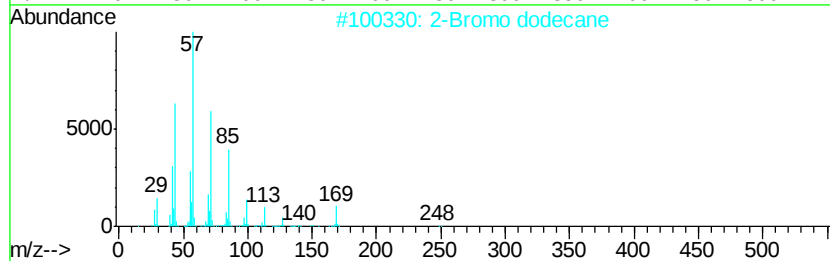
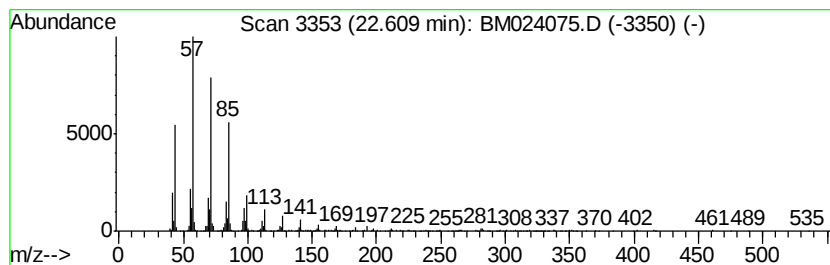
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	3.25 ng/ul	851884	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2		Hexacosane	366	C26H54	000630-01-3	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024075.D
Acq On : 13 Dec 2019 00:58
Operator : JU
Sample : K6089-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BR1

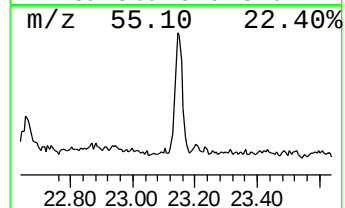
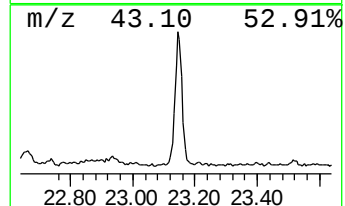
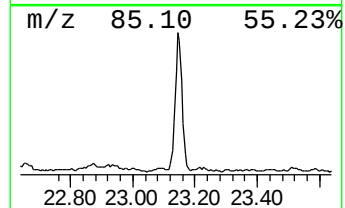
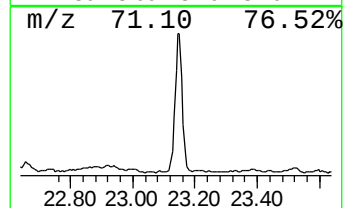
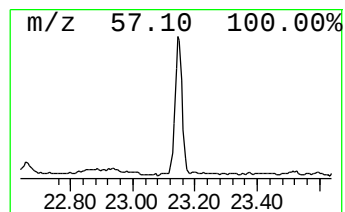
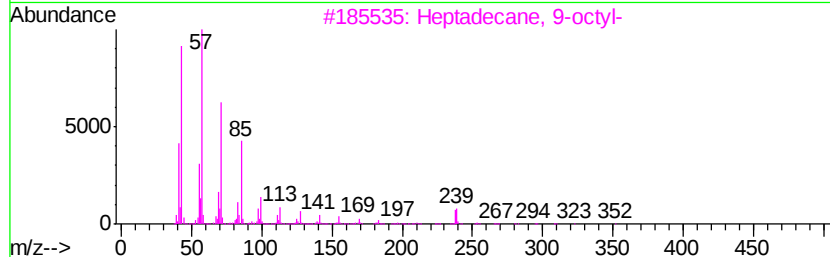
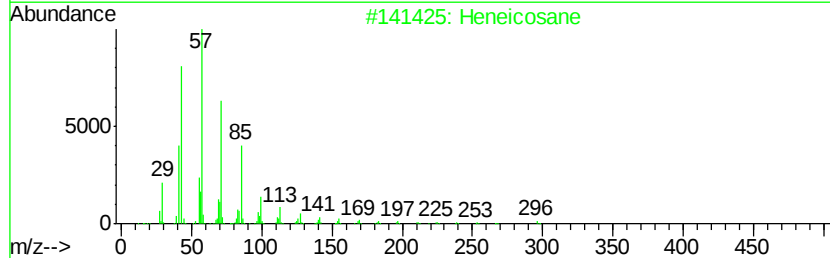
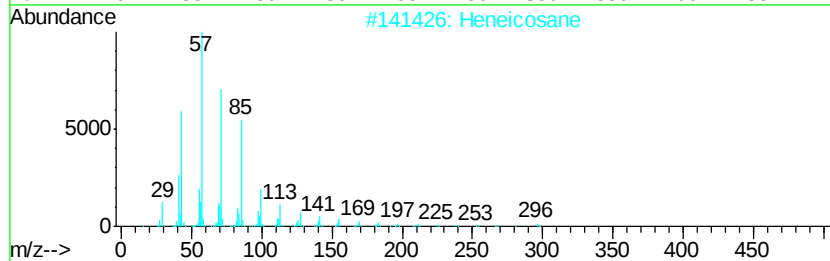
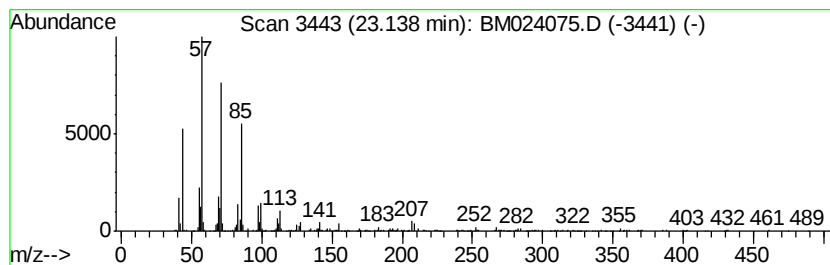
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	3.63 ng/ul	951448	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heneicosane	296	C21H44	000629-94-7	86
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
4		Octacosane	394	C28H58	000630-02-4	68
5		Heptacosane	380	C27H56	000593-49-7	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024075.D
Acq On : 13 Dec 2019 00:58
Operator : JU
Sample : K6089-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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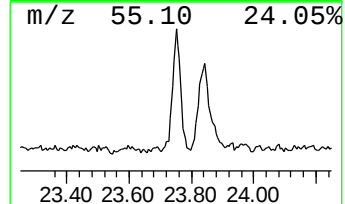
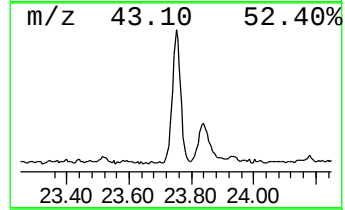
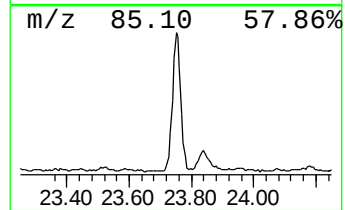
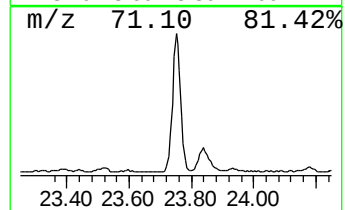
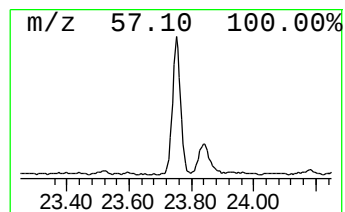
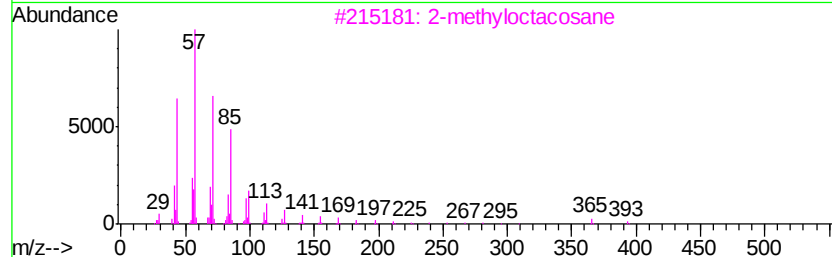
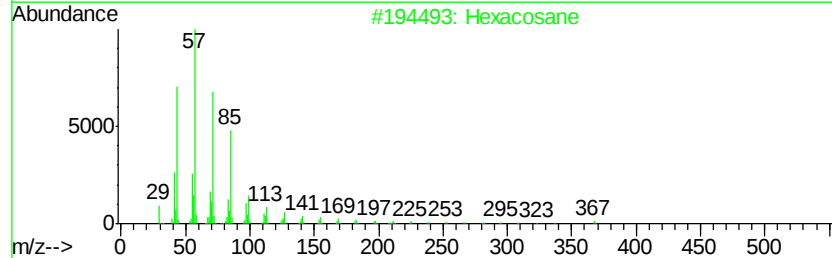
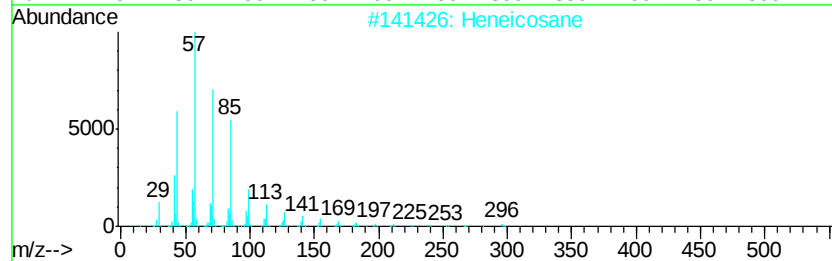
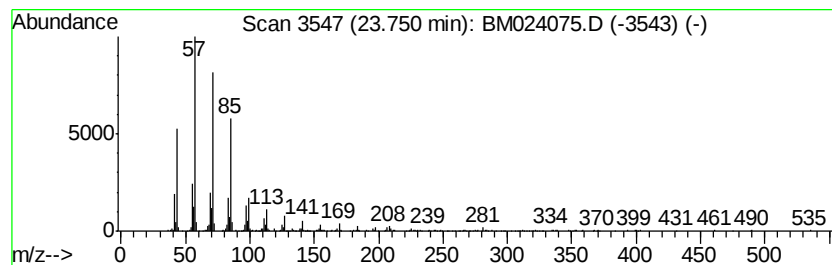
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.75	3.77 ng/ul	989344	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024075.D
Acq On : 13 Dec 2019 00:58
Operator : JU
Sample : K6089-13
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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(DEL) Alkane: Cyc...	20.83	9.7	ng/ul	2511780	5	21.09	5163870	20.0
(DEL) Alkane: Str...	21.69	2.6	ng/ul	673059	5	21.09	5163870	20.0
(DEL) Alkane: Str...	22.13	2.5	ng/ul	654706	5	21.09	5163870	20.0
2-Bromo dodecane	22.61	3.3	ng/ul	851884	6	23.23	5247810	20.0
(DEL) Alkane: Str...	23.14	3.6	ng/ul	951448	6	23.23	5247810	20.0
(DEL) Alkane: Str...	23.75	3.8	ng/ul	989344	6	23.23	5247810	20.0