

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
 Data File : BM024074.D
 Acq On : 13 Dec 2019 00:22
 Operator : JU
 Sample : K6089-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BR0

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	33	rVB	64644	89268	1.30%	0.080%
2	3.646	124	129	140	rVV2	44815	87786	1.28%	0.079%
3	4.634	294	297	304	rVV2	58165	112179	1.63%	0.101%
4	6.663	629	642	659	rVB2	1062517	2256341	32.84%	2.022%
5	6.822	663	669	680	rBV	916022	1504613	21.90%	1.348%
6	7.004	694	700	713	rVV	1175593	1950371	28.39%	1.748%
7	7.469	771	779	789	rBV	1644598	2607917	37.96%	2.337%
8	8.187	895	901	914	rBV	1158001	1941761	28.26%	1.740%
9	8.298	914	920	926	rVV2	83342	189158	2.75%	0.169%
10	8.622	968	975	985	rVV	1070961	1824221	26.55%	1.635%
11	8.698	985	988	995	rVV2	61253	91704	1.33%	0.082%
12	8.810	997	1007	1013	rVB2	28594	80888	1.18%	0.072%
13	9.339	1090	1097	1109	rBV	870977	1529939	22.27%	1.371%
14	9.875	1179	1188	1200	rBV	1412691	2469306	35.94%	2.213%
15	10.239	1242	1250	1256	rBV	2367511	3883633	56.53%	3.480%
16	10.392	1267	1276	1290	rBV	792356	1656557	24.11%	1.484%
17	11.286	1422	1428	1440	rBV	118560	220929	3.22%	0.198%
18	11.692	1489	1497	1503	rBV	105008	185644	2.70%	0.166%
19	11.916	1529	1535	1544	rVB	73458	142582	2.08%	0.128%
20	12.139	1568	1573	1579	rVV	54495	95652	1.39%	0.086%
21	12.969	1702	1714	1721	rVV2	184266	313651	4.57%	0.281%
22	13.451	1791	1796	1801	rVV	95597	186948	2.72%	0.168%
23	13.504	1801	1805	1808	rVV3	79147	125049	1.82%	0.112%
24	13.551	1808	1813	1818	rVV	2817116	3882270	56.51%	3.479%
25	13.598	1818	1821	1825	rVV	514720	739383	10.76%	0.663%
26	13.633	1825	1827	1831	rVV2	100007	140581	2.05%	0.126%
27	13.680	1831	1835	1840	rVV4	85446	150805	2.19%	0.135%
28	13.816	1852	1858	1877	rVV	3153887	4765606	69.36%	4.270%
29	14.057	1892	1899	1904	rVV	217776	282130	4.11%	0.253%
30	14.127	1904	1911	1918	rVV	3402917	5155959	75.05%	4.620%
31	14.368	1944	1952	1971	rBV	580043	1317122	19.17%	1.180%
32	14.539	1971	1981	1984	rVV4	132016	310269	4.52%	0.278%
33	14.580	1984	1988	1992	rVV4	143473	274448	3.99%	0.246%
34	14.616	1992	1994	1998	rVV	100670	129585	1.89%	0.116%

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35	14.680	2001	2005	2013	rVV4	66543	96889	1.41%	0.087%
36	14.757	2013	2018	2023	rVV4	98026	175068	2.55%	0.157%
37	14.810	2023	2027	2032	rVB	84402	120834	1.76%	0.108%
38	14.927	2041	2047	2050	rBV2	79559	129316	1.88%	0.116%
39	15.015	2058	2062	2066	rVV	268100	320403	4.66%	0.287%
40	15.133	2075	2082	2088	rVV	4029451	5884314	85.65%	5.273%
41	15.186	2088	2091	2096	rVV4	80816	140169	2.04%	0.126%
42	15.274	2101	2106	2118	rVV	1025603	1547930	22.53%	1.387%
43	15.368	2118	2122	2126	rVV2	55623	97259	1.42%	0.087%
44	15.421	2126	2131	2136	rVB3	62477	117989	1.72%	0.106%
45	15.486	2136	2142	2152	rVB5	83162	201003	2.93%	0.180%
46	15.721	2175	2182	2189	rBV4	55427	102882	1.50%	0.092%
47	15.880	2204	2209	2212	rBV2	368351	483948	7.04%	0.434%
48	16.198	2254	2263	2268	rBV6	53087	172551	2.51%	0.155%
49	16.245	2268	2271	2275	rVB	62679	87341	1.27%	0.078%
50	16.427	2298	2302	2305	rBV3	68271	94031	1.37%	0.084%
51	16.551	2318	2323	2330	rBV3	106706	194768	2.83%	0.175%
52	16.621	2330	2335	2340	rBV2	103383	198503	2.89%	0.178%
53	16.674	2340	2344	2348	rBV	353393	414662	6.04%	0.372%
54	16.886	2373	2380	2384	rVV	3847519	5577455	81.18%	4.998%
55	16.927	2384	2387	2391	rVV	793627	1046525	15.23%	0.938%
56	16.980	2391	2396	2409	rVB	4138694	6105935	88.87%	5.471%
57	17.086	2410	2414	2419	rBV4	65730	114090	1.66%	0.102%
58	17.204	2431	2434	2439	rVB3	105188	145487	2.12%	0.130%
59	17.333	2453	2456	2462	rVV5	44065	86604	1.26%	0.078%
60	17.409	2465	2469	2473	rVV	319030	388777	5.66%	0.348%
61	17.756	2523	2528	2532	rBV	225749	349655	5.09%	0.313%
62	17.809	2532	2537	2546	rBV	1358032	1831258	26.65%	1.641%
63	17.951	2556	2561	2565	rBV2	327952	519337	7.56%	0.465%
64	17.992	2565	2568	2576	rVB	197514	287741	4.19%	0.258%
65	18.104	2581	2587	2593	rBV	353301	505807	7.36%	0.453%
66	18.156	2593	2596	2601	rVB4	62420	96547	1.41%	0.087%
67	18.268	2611	2615	2620	rBV	195110	279770	4.07%	0.251%
68	18.521	2654	2658	2663	rVV3	104589	163289	2.38%	0.146%
69	18.568	2663	2666	2670	rVV	107785	164866	2.40%	0.148%
70	18.609	2670	2673	2677	rVB	82451	111678	1.63%	0.100%
71	18.692	2682	2687	2691	rVV	292515	434339	6.32%	0.389%

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72	18.745	2692	2696	2700	rVV	430600	602794	8.77%	0.540%
73	18.786	2700	2703	2707	rVV	110240	136881	1.99%	0.123%
74	18.839	2707	2712	2719	rVV4	116865	250420	3.64%	0.224%
75	18.951	2727	2731	2740	rVB	1565158	2251213	32.77%	2.017%
76	19.027	2740	2744	2747	rBV	118505	147378	2.15%	0.132%
77	19.103	2753	2757	2763	rBV2	356346	543991	7.92%	0.487%
78	19.292	2783	2789	2792	rBV	4557119	6870403	100.00%	6.156%
79	19.403	2804	2808	2814	rVB3	146026	248976	3.62%	0.223%
80	19.650	2845	2850	2861	rBV6	146901	424138	6.17%	0.380%
81	19.780	2869	2872	2875	rBV3	82323	129788	1.89%	0.116%
82	19.821	2876	2879	2884	rVV	202384	305221	4.44%	0.273%
83	19.874	2884	2888	2893	rVB	353989	403606	5.87%	0.362%
84	19.921	2893	2896	2900	rBV	144919	187850	2.73%	0.168%
85	19.980	2903	2906	2911	rVB2	126186	182983	2.66%	0.164%
86	20.115	2927	2929	2934	rBV	73376	89001	1.30%	0.080%
87	20.374	2969	2973	2978	rBV	281780	363971	5.30%	0.326%
88	20.580	3005	3008	3013	rVB2	149383	196664	2.86%	0.176%
89	20.833	3047	3051	3057	rBV	1857077	2490793	36.25%	2.232%
90	21.033	3082	3085	3088	rBV2	172073	196589	2.86%	0.176%
91	21.092	3089	3095	3099	rVV2	4347143	6230221	90.68%	5.583%
92	21.127	3099	3101	3105	rVB	598072	642654	9.35%	0.576%
93	21.274	3123	3126	3130	rBV	432094	458101	6.67%	0.410%
94	21.692	3193	3197	3209	rBV3	678138	1369421	19.93%	1.227%
95	22.133	3269	3272	3278	rVB	712391	888815	12.94%	0.796%
96	22.615	3348	3354	3368	rVB2	1206018	2806005	40.84%	2.514%
97	23.091	3430	3435	3440	rBV	3131621	5234356	76.19%	4.690%
98	23.144	3440	3444	3451	rVB3	1115229	1962641	28.57%	1.759%
99	23.227	3452	3458	3465	rBV	2785518	5134225	74.73%	4.601%
100	23.756	3543	3548	3556	rVB2	725555	1368091	19.91%	1.226%

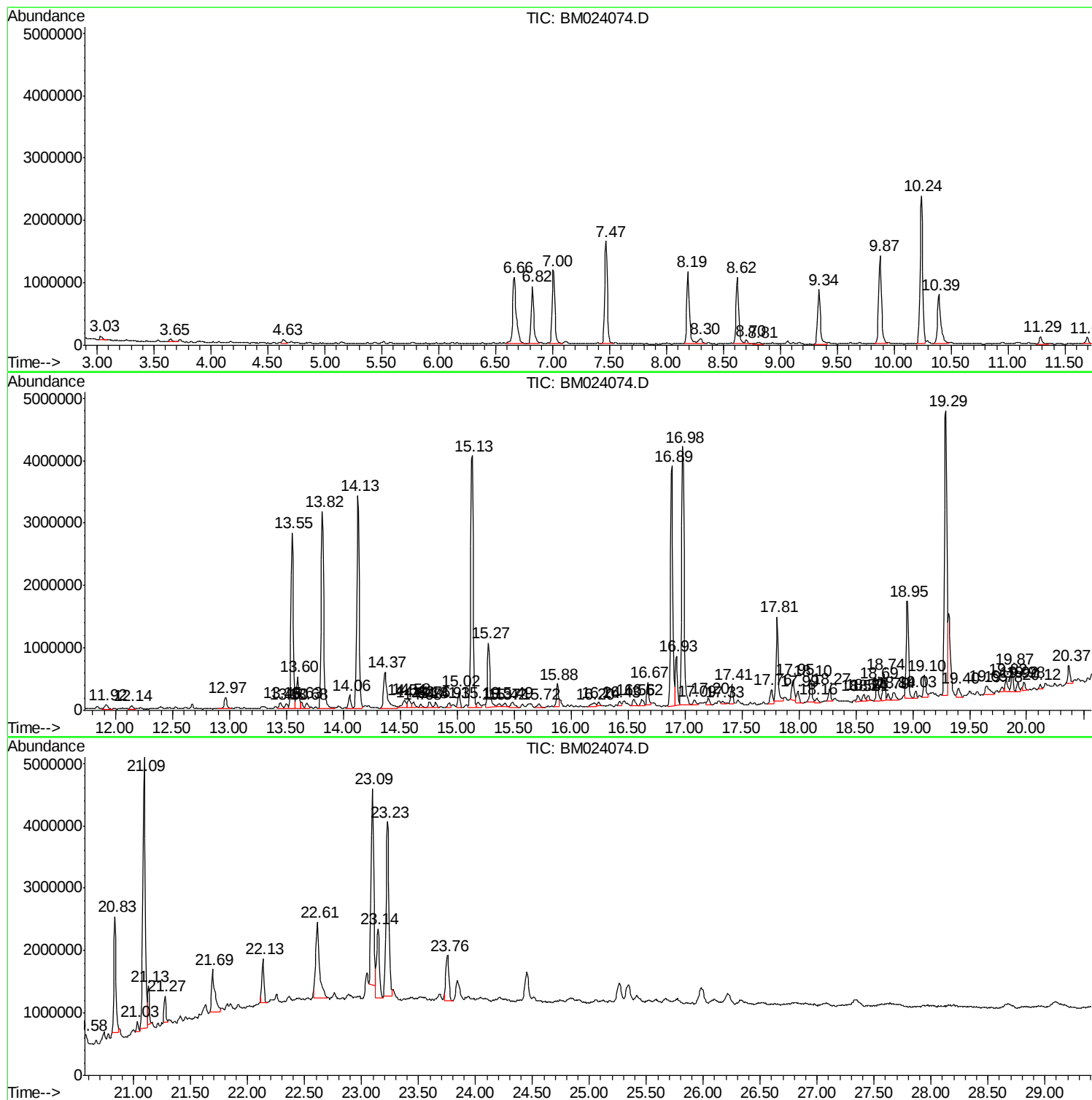
Sum of corrected areas: 111600465

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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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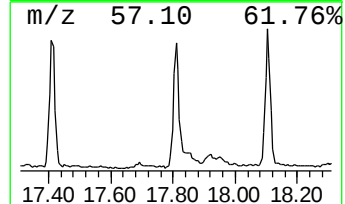
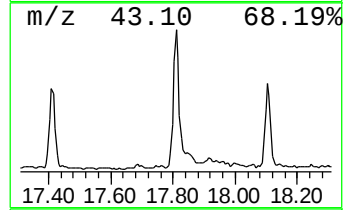
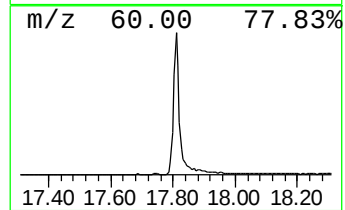
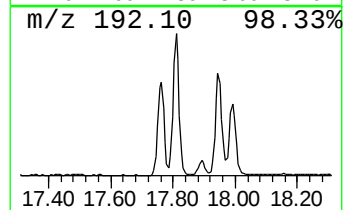
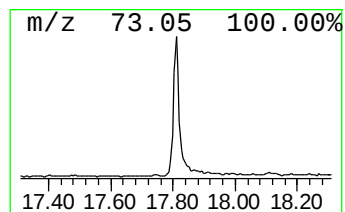
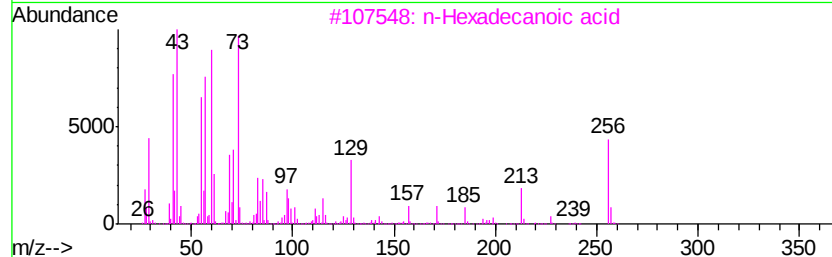
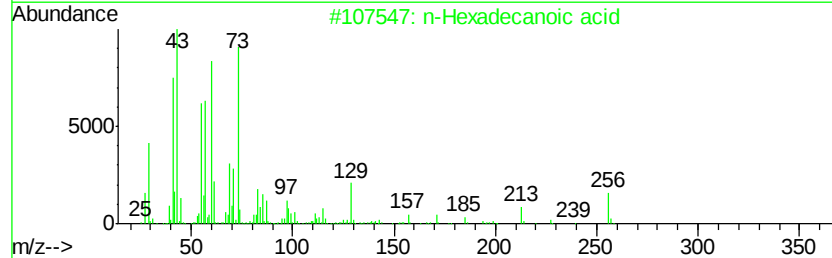
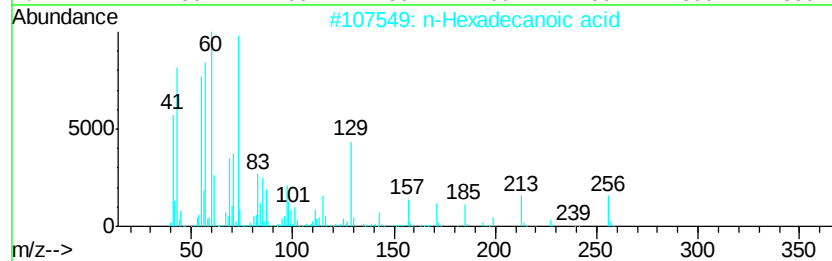
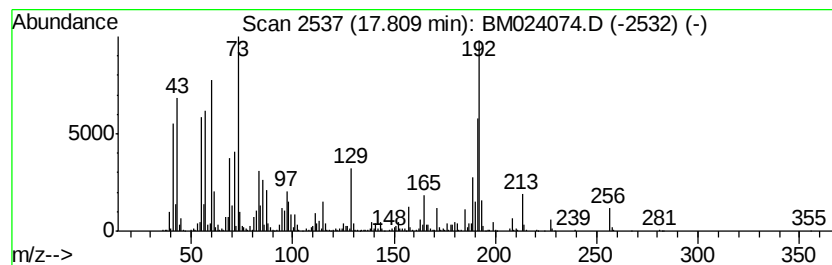
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	6.57 ng/ul	1831260	Phenanthrene-d10	16.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	92



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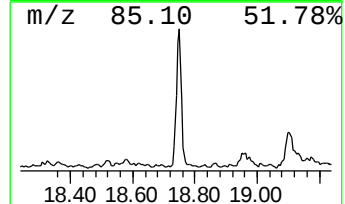
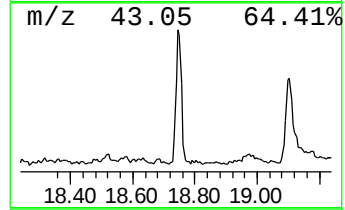
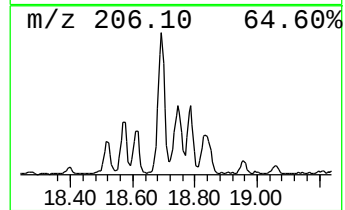
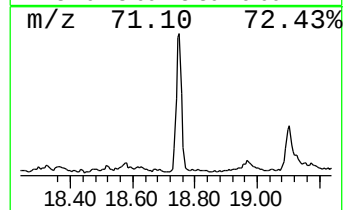
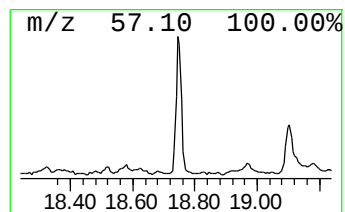
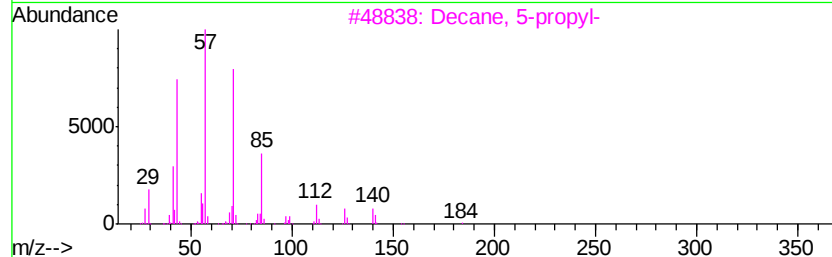
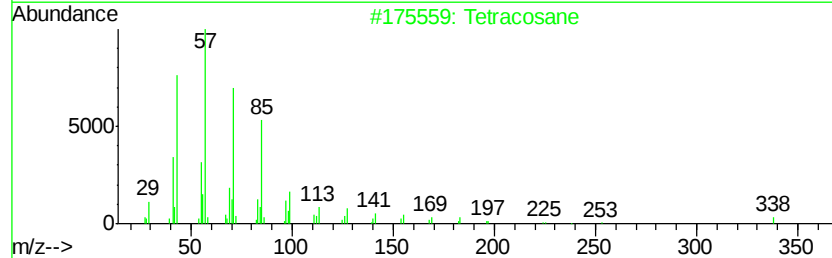
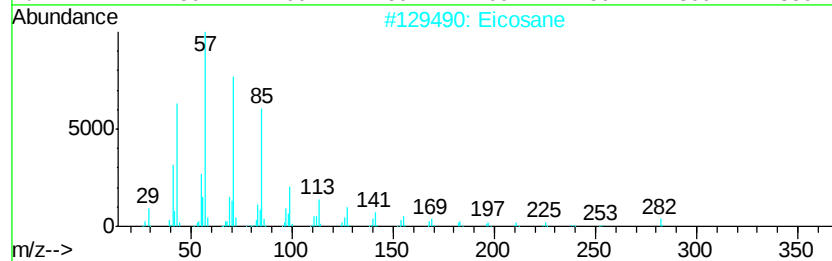
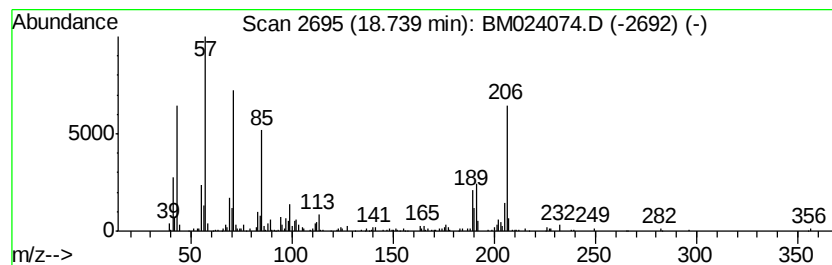
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	2.16 ng/ul	602794	Phenanthrene-d10	16.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Tetracosane	338	C24H50	000646-31-1	53
3		Decane, 5-propyl-	184	C13H28	017312-62-8	53
4		Nonadecane	268	C19H40	000629-92-5	53
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	49



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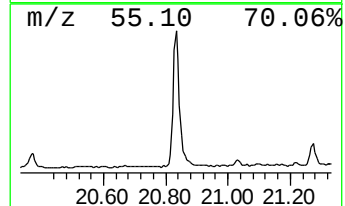
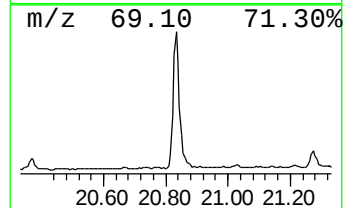
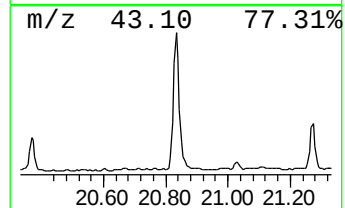
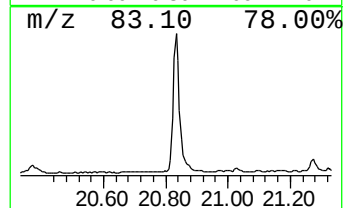
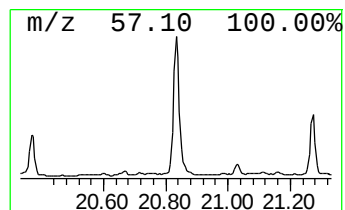
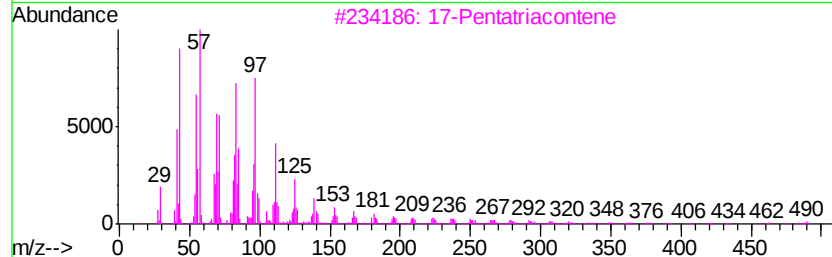
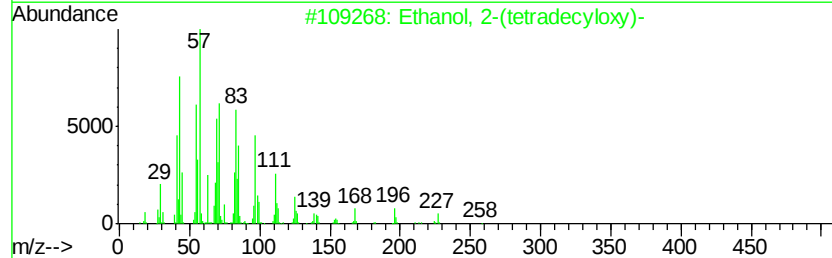
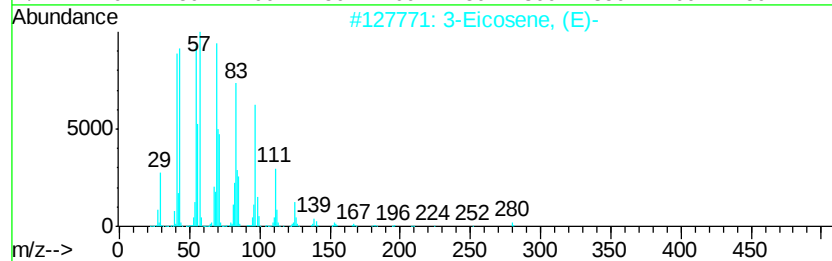
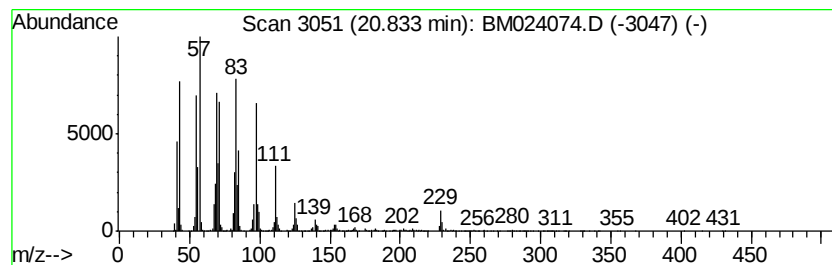
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Peak Number 3 (DEL) Alkane: Cyclic20.83 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	8.00 ng/ul	2490790	Chrysene-d12	21.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Eicosene, (E)-	280	C20H40	074685-33-9	98	
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91		
3	17-Pentatriacontene	491	C35H70	006971-40-0	91		
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90		
5	1-Docosene	308	C22H44	001599-67-3	81		



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
 Data File : BM024074.D
 Acq On : 13 Dec 2019 00:22
 Operator : JU
 Sample : K6089-12
 Misc :
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Instrument :
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 ClientSampleId :
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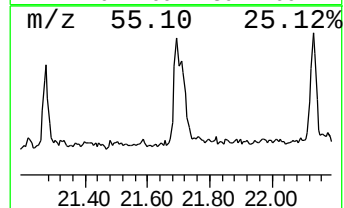
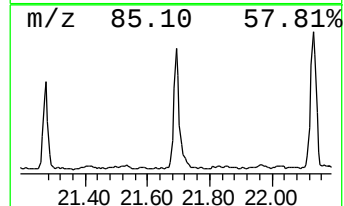
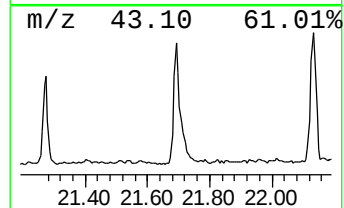
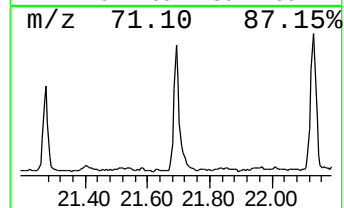
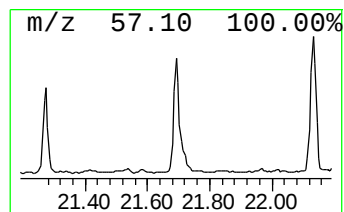
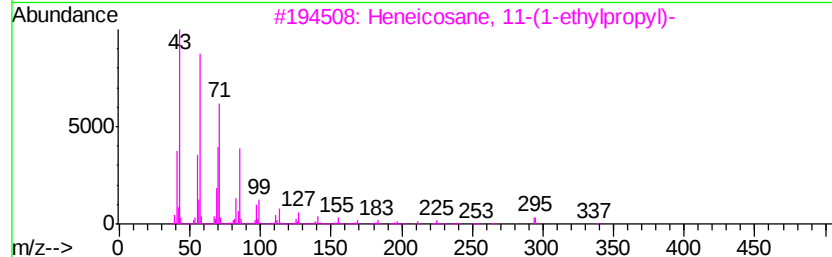
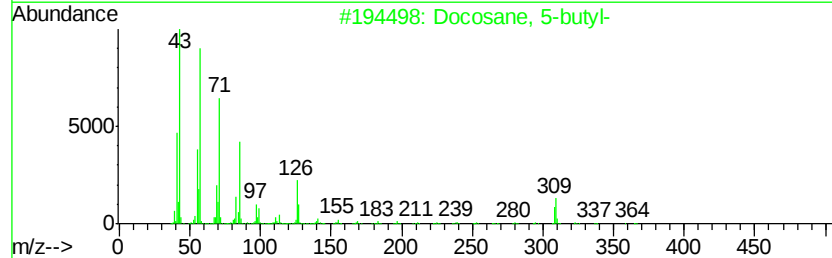
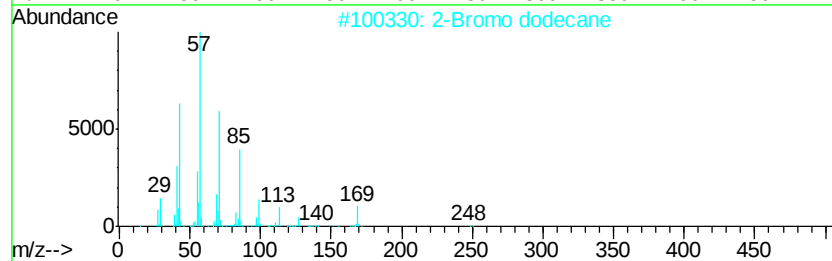
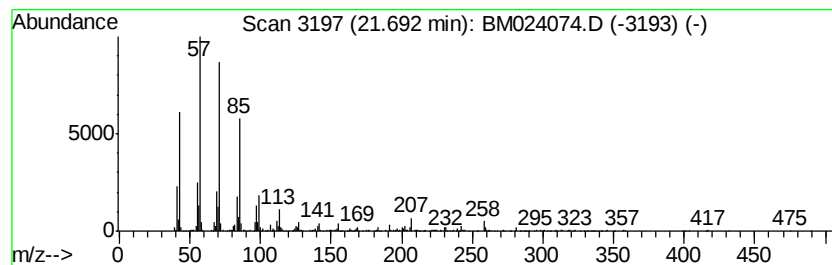
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 4 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	4.40 ng/ul	1369420	Chrysene-d12	21.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane		248	C12H25Br	013187-99-0	86
2	Docosane, 5-butyl-		366	C26H54	055282-16-1	86
3	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	86
4	Heptacosane		380	C27H56	000593-49-7	72
5	Dodecane, 4,6-dimethyl-		198	C14H30	061141-72-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024074.D
Acq On : 13 Dec 2019 00:22
Operator : JU
Sample : K6089-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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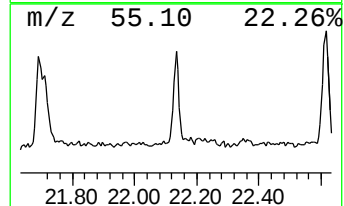
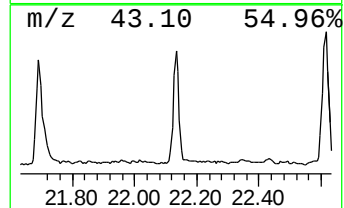
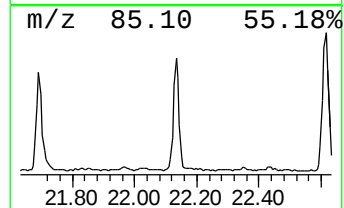
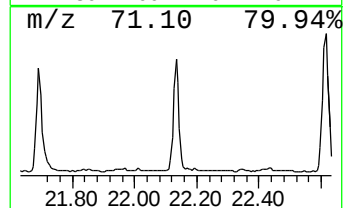
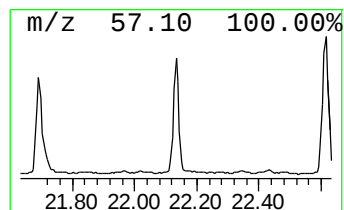
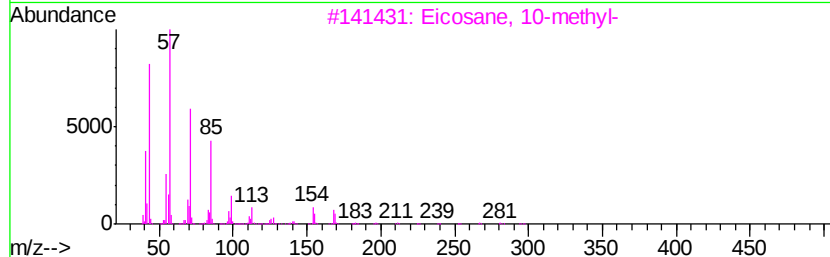
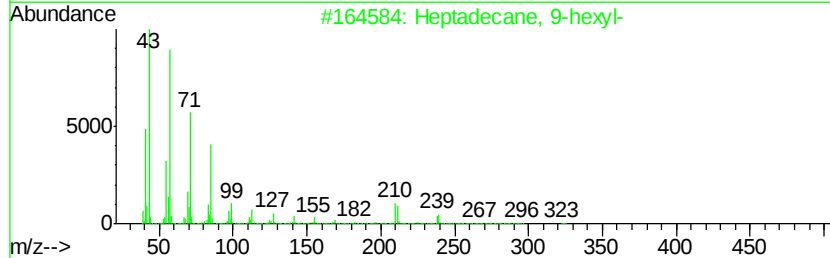
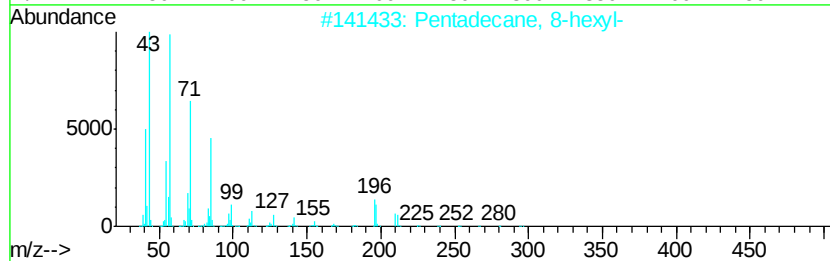
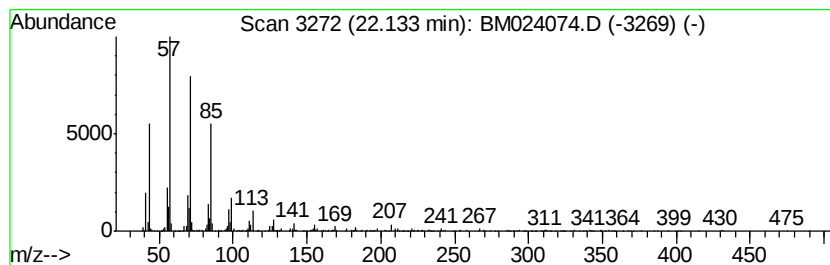
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	2.85 ng/ul	888815	Chrysene-d12	21.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024074.D
Acq On : 13 Dec 2019 00:22
Operator : JU
Sample : K6089-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

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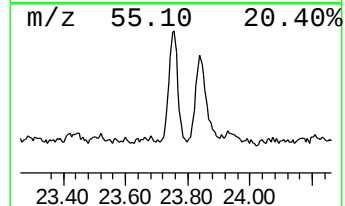
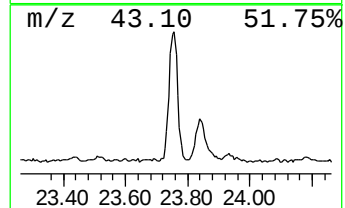
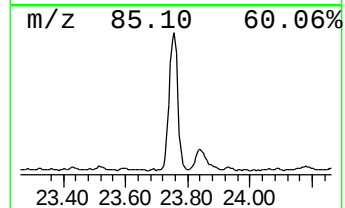
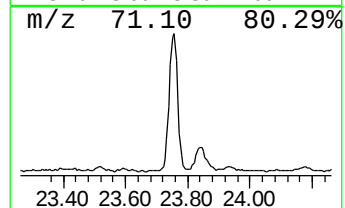
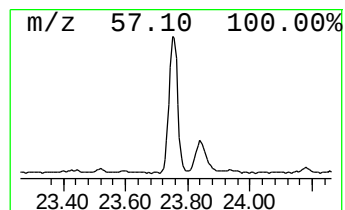
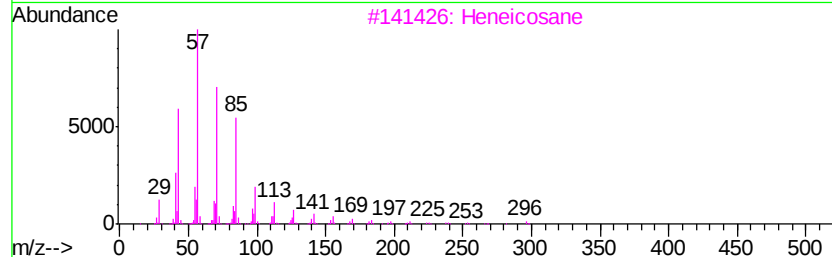
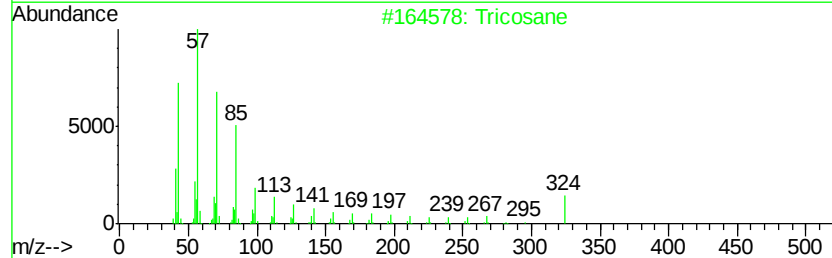
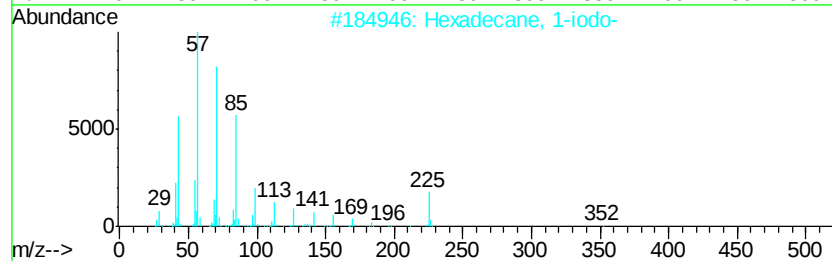
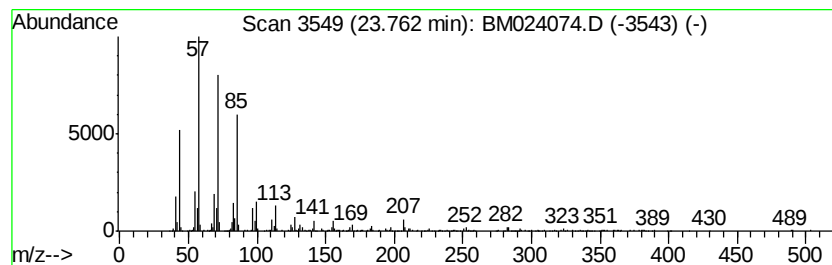
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Hexadecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	5.33 ng/ul	1368090	Perylene-d12	23.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
2		Tricosane	324	C23H48	000638-67-5	94
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024074.D
Acq On : 13 Dec 2019 00:22
Operator : JU
Sample : K6089-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BR0

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	6.6	ng/ul	1831260	4	16.89	5577460	20.0
(DEL) Alkane: Str...	18.74	2.2	ng/ul	602794	4	16.89	5577460	20.0
(DEL) Alkane: Cyc...	20.83	8.0	ng/ul	2490790	5	21.09	6230220	20.0
2-Bromo dodecane	21.69	4.4	ng/ul	1369420	5	21.09	6230220	20.0
(DEL) Alkane: Str...	22.13	2.9	ng/ul	888815	5	21.09	6230220	20.0
Hexadecane, 1-iodo-	23.76	5.3	ng/ul	1368090	6	23.23	5134230	20.0