

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051021\
 Data File : BM029997.D
 Acq On : 13 May 2021 00:37
 Operator : CG/JU
 Sample : M2232-07
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG5A6

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\SFAM-EPA-BM050721.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	3.063	27	30	35	rVB2	18511	25201	0.75%	0.055%
2	3.493	101	103	113	rBV	99696	248809	7.38%	0.538%
3	3.681	131	135	139	rVB	43390	63264	1.88%	0.137%
4	3.769	146	150	157	rVB	66701	90960	2.70%	0.197%
5	3.875	165	168	173	rVB4	13871	20144	0.60%	0.044%
6	4.157	212	216	219	rBV5	6439	9920	0.29%	0.021%
7	4.681	301	305	314	rVB	41681	69515	2.06%	0.150%
8	5.069	368	371	377	rVB	23346	34296	1.02%	0.074%
9	5.204	390	394	397	rBV2	25950	46559	1.38%	0.101%
10	5.569	452	456	461	rVB2	15709	25149	0.75%	0.054%
11	5.951	517	521	526	rVB2	12508	16988	0.50%	0.037%
12	6.422	595	601	604	rBV6	4647	9715	0.29%	0.021%
13	6.728	648	653	668	rVV	363626	733391	21.77%	1.586%
14	6.887	675	680	693	rBV	261987	485755	14.42%	1.051%
15	7.075	706	712	724	rBV	416599	724591	21.51%	1.567%
16	7.540	784	791	803	rBV	541452	897777	26.65%	1.942%
17	7.910	847	854	860	rBV	35337	59527	1.77%	0.129%
18	8.257	907	913	920	rBV	481448	847203	25.15%	1.832%
19	8.645	972	979	981	rBV6	5497	8903	0.26%	0.019%
20	8.698	981	988	1005	rVV	352533	678733	20.15%	1.468%
21	8.869	1014	1017	1026	rVB8	6742	12267	0.36%	0.027%
22	9.110	1052	1058	1064	rBV2	24500	46480	1.38%	0.101%
23	9.416	1101	1110	1121	rBV	289738	556135	16.51%	1.203%
24	9.951	1194	1201	1215	rBV	466808	930391	27.62%	2.012%
25	10.316	1254	1263	1269	rBV	806754	1397520	41.48%	3.023%
26	10.363	1269	1271	1280	rVB	43960	64814	1.92%	0.140%
27	10.469	1280	1289	1308	rBV	271880	709341	21.05%	1.534%
28	11.604	1477	1482	1485	rVB6	6109	9998	0.30%	0.022%
29	11.745	1502	1506	1509	rBV5	5092	7361	0.22%	0.016%
30	11.875	1519	1528	1532	rBV8	10987	23461	0.70%	0.051%
31	11.922	1532	1536	1543	rVB2	10423	17283	0.51%	0.037%
32	11.992	1543	1548	1556	rBV2	8474	18172	0.54%	0.039%
33	12.186	1575	1581	1594	rBV2	32890	69526	2.06%	0.150%
34	12.727	1670	1673	1677	rVB5	3661	5764	0.17%	0.012%

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35	12.786	1677	1683	1688	rVB9	3655	7549	0.22%	0.016%
36	12.951	1706	1711	1715	rVV8	4648	10156	0.30%	0.022%
37	13.022	1719	1723	1730	rVV3	12603	20695	0.61%	0.045%
38	13.098	1730	1736	1741	rVB3	16376	28861	0.86%	0.062%
39	13.233	1754	1759	1766	rVB8	4128	9836	0.29%	0.021%
40	13.357	1775	1780	1781	rBV5	4973	6649	0.20%	0.014%
41	13.510	1799	1806	1811	rBV3	20513	39114	1.16%	0.085%
42	13.563	1811	1815	1817	rVV3	8681	10213	0.30%	0.022%
43	13.610	1817	1823	1828	rVV	1124395	1585094	47.05%	3.428%
44	13.657	1828	1831	1838	rVB	110271	167669	4.98%	0.363%
45	13.880	1861	1869	1881	rBV	1218793	1905996	56.57%	4.122%
46	14.039	1888	1896	1901	rBV5	16785	39596	1.18%	0.086%
47	14.098	1901	1906	1911	rVB6	16600	30159	0.90%	0.065%
48	14.145	1911	1914	1915	rBV3	6616	6084	0.18%	0.013%
49	14.186	1915	1921	1928	rVV	1221425	1851765	54.96%	4.005%
50	14.251	1928	1932	1942	rVB	68464	118156	3.51%	0.256%
51	14.433	1958	1963	1982	rBV	148485	491500	14.59%	1.063%
52	14.598	1986	1991	1995	rVV	39860	60364	1.79%	0.131%
53	14.816	2022	2028	2035	rBV10	17724	53123	1.58%	0.115%
54	14.980	2052	2056	2059	rBV5	14069	26417	0.78%	0.057%
55	15.057	2067	2069	2073	rVB3	9031	8645	0.26%	0.019%
56	15.186	2085	2091	2097	rBV	1826678	2582402	76.65%	5.585%
57	15.245	2097	2101	2108	rVB	74568	118973	3.53%	0.257%
58	15.327	2110	2115	2125	rBV	313096	506462	15.03%	1.095%
59	15.545	2148	2152	2161	rVB4	20765	44416	1.32%	0.096%
60	15.610	2161	2163	2166	rBV4	6835	8521	0.25%	0.018%
61	15.768	2186	2190	2197	rVB8	10186	21955	0.65%	0.047%
62	15.833	2197	2201	2205	rBV6	21447	38763	1.15%	0.084%
63	15.921	2211	2216	2223	rBV6	37624	90465	2.69%	0.196%
64	16.033	2231	2235	2238	rBV	36695	52465	1.56%	0.113%
65	16.092	2241	2245	2251	rBV3	30472	53115	1.58%	0.115%
66	16.151	2251	2255	2257	rBV2	32230	46247	1.37%	0.100%
67	16.245	2266	2271	2274	rBV7	23461	43669	1.30%	0.094%
68	16.298	2277	2280	2284	rVB3	26288	29548	0.88%	0.064%
69	16.351	2285	2289	2296	rVB4	40375	78357	2.33%	0.169%
70	16.421	2297	2301	2304	rBV	33290	42582	1.26%	0.092%
71	16.598	2328	2331	2339	rVB2	31987	53087	1.58%	0.115%

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72	16.680	2341	2345	2347	rBV4	24980	41475	1.23%	0.090%
73	16.757	2355	2358	2366	rVB2	64647	106146	3.15%	0.230%
74	16.933	2383	2388	2392	rBV	1275586	1871377	55.54%	4.047%
75	16.980	2392	2396	2400	rVV	927090	1334439	39.61%	2.886%
76	17.033	2400	2405	2416	rVB	1984367	2969521	88.14%	6.423%
77	17.351	2455	2459	2468	rVB	69282	130310	3.87%	0.282%
78	17.645	2507	2509	2516	rVB7	33603	57673	1.71%	0.125%
79	17.727	2520	2523	2527	rBV3	48861	73908	2.19%	0.160%
80	17.809	2533	2537	2540	rBV	82264	122306	3.63%	0.265%
81	17.845	2540	2543	2551	rVB2	338976	576847	17.12%	1.248%
82	17.998	2565	2569	2574	rBV3	124228	206667	6.13%	0.447%
83	18.133	2589	2592	2596	rBV5	71437	96973	2.88%	0.210%
84	18.315	2620	2623	2627	rBV	65240	100797	2.99%	0.218%
85	18.362	2628	2631	2638	rVB	112846	162554	4.82%	0.352%
86	18.998	2734	2739	2744	rBV	1368952	1793598	53.24%	3.879%
87	19.133	2759	2762	2769	rBV6	76556	135589	4.02%	0.293%
88	19.333	2791	2796	2799	rBV	2382753	3369148	100.00%	7.287%
89	19.362	2799	2801	2805	rVB	1087241	1163995	34.55%	2.518%
90	20.274	2953	2956	2960	rVB	142799	158760	4.71%	0.343%
91	20.380	2970	2974	2978	rBV2	247947	314921	9.35%	0.681%
92	20.850	3050	3054	3061	rBV2	600845	848665	25.19%	1.836%
93	21.050	3084	3088	3092	rBV	769063	779932	23.15%	1.687%
94	21.121	3094	3100	3104	rVV2	1431166	2374502	70.48%	5.136%
95	21.156	3104	3106	3114	rVB	466103	627880	18.64%	1.358%
96	21.709	3197	3200	3207	rVB3	206645	368666	10.94%	0.797%
97	22.633	3352	3357	3362	rBV2	1257673	2033288	60.35%	4.398%
98	23.139	3438	3443	3448	rBV	1376006	2582607	76.65%	5.586%
99	23.274	3462	3466	3472	rVB2	819791	1351680	40.12%	2.923%
100	23.780	3547	3552	3561	rVB	642318	1227802	36.44%	2.656%

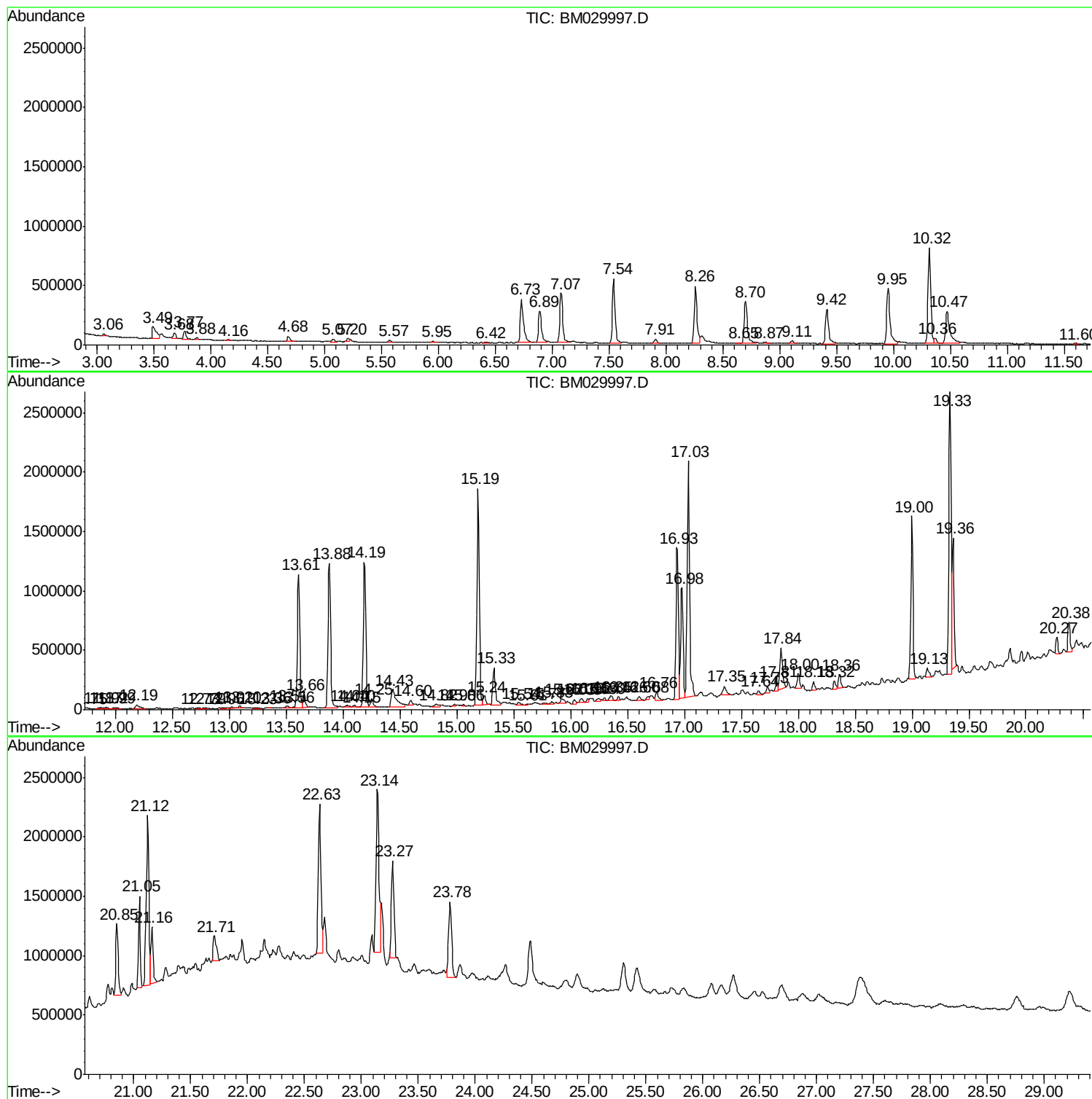
Sum of corrected areas: 46235607

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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



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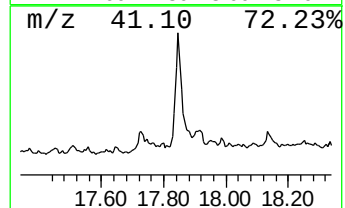
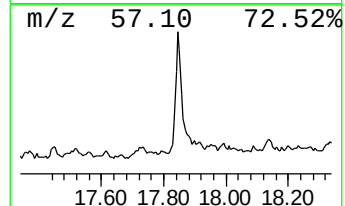
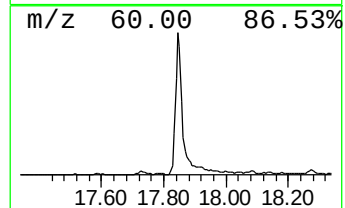
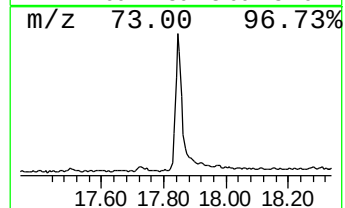
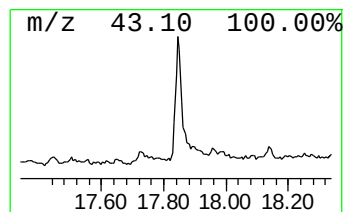
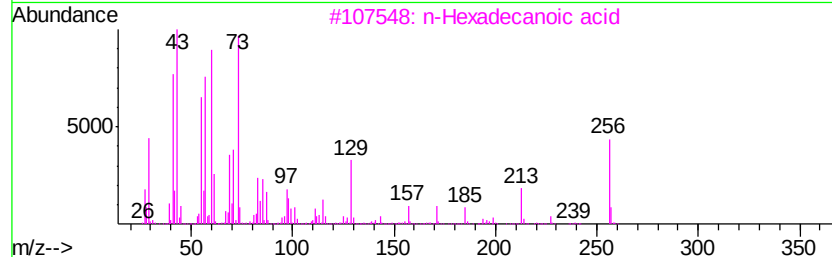
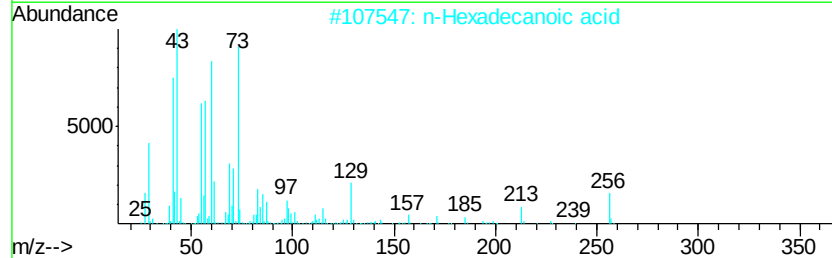
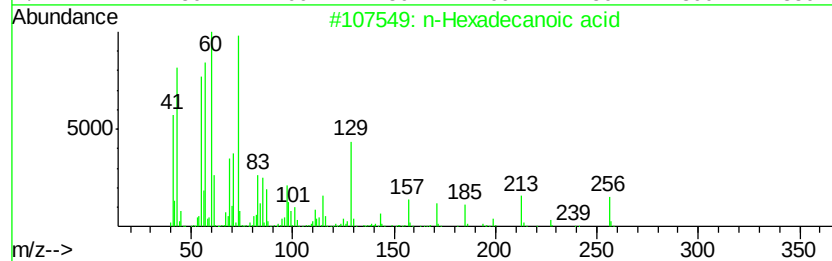
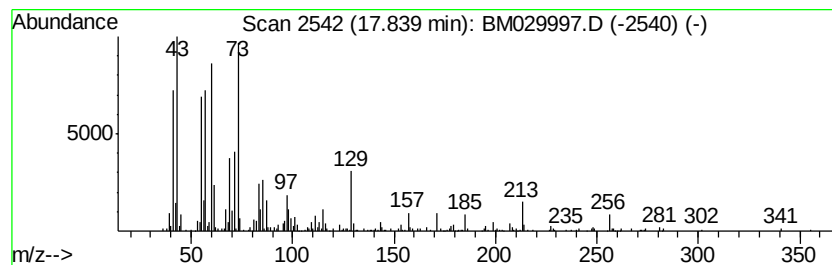
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	6.16 ng/ul	576847	Phenanthrene-d10	16.93

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	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5		Octadecanoic acid	284	C18H36O2	000057-11-4	90



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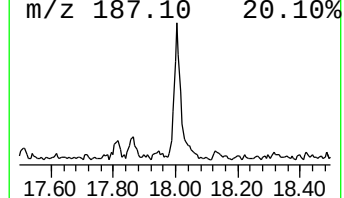
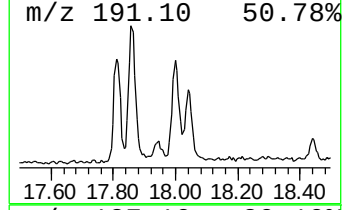
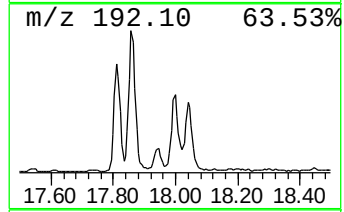
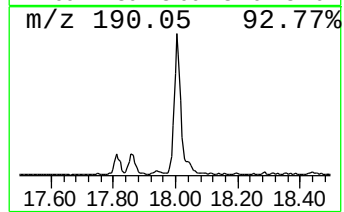
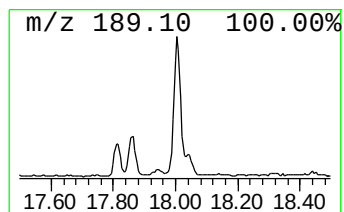
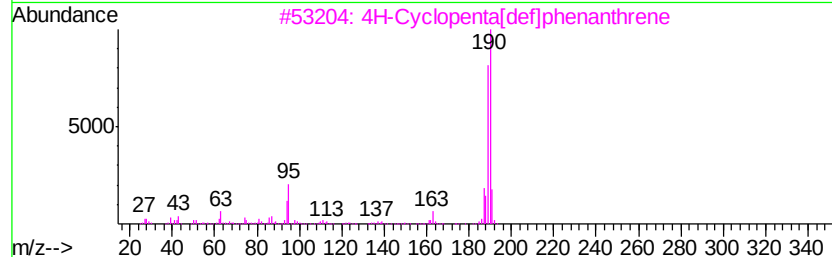
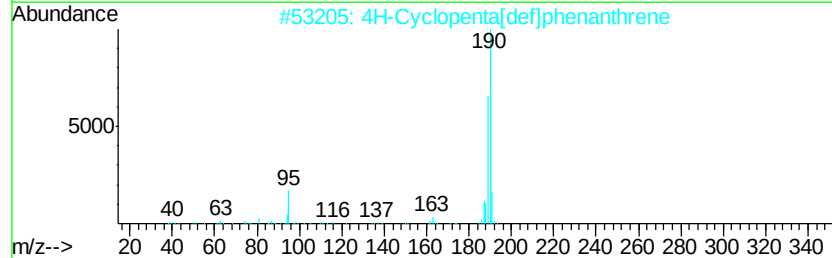
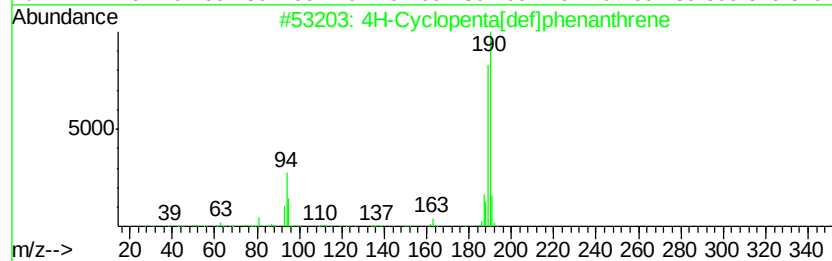
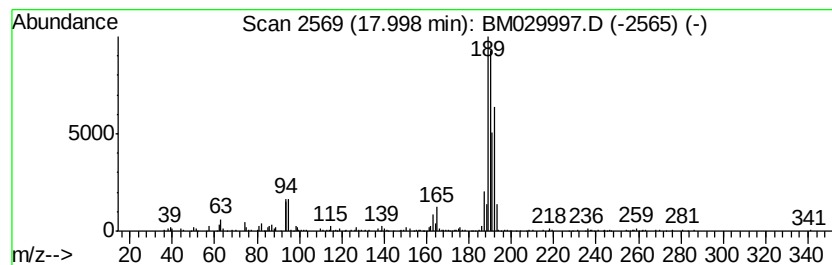
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.00	2.21 ng/ul	206667	Phenanthrene-d10	16.93		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	45
4		Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	30
5		3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27



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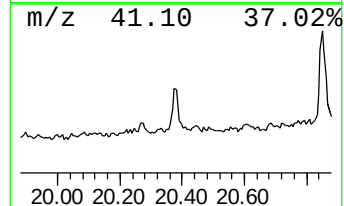
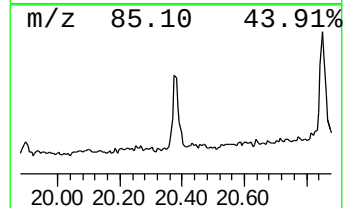
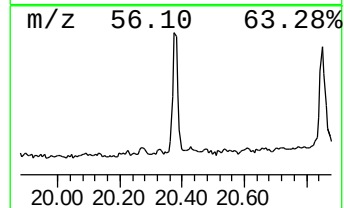
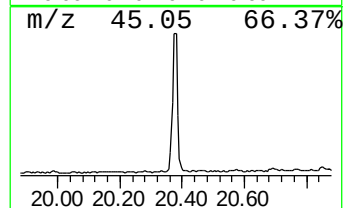
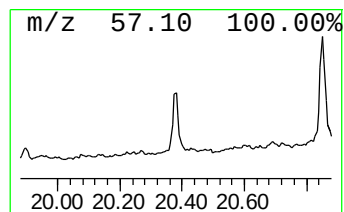
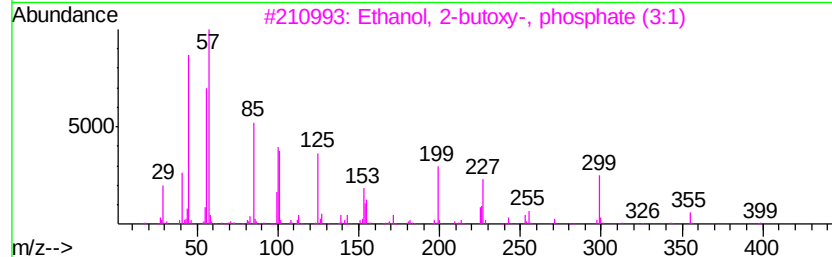
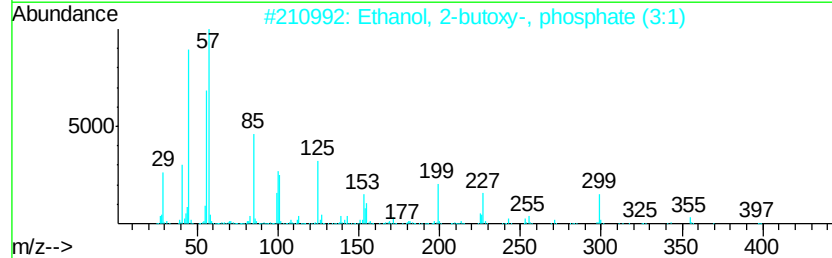
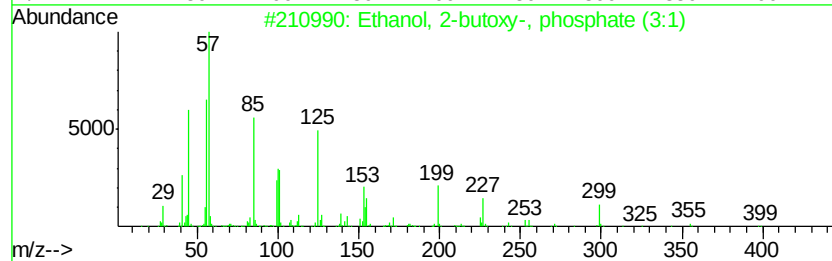
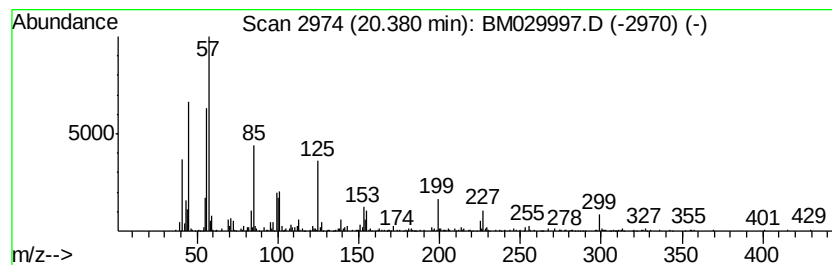
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Peak Number 4 Ethanol, 2-butoxy-, phospho... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	2.65 ng/ul	314921	Chrysene-d12	21.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H3907P	000078-51-3	91
2		Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H3907P	000078-51-3	74
3		Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H3907P	000078-51-3	50
4		Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H3907P	000078-51-3	47
5		2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	27



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Acq On : 13 May 2021 00:37
Operator : CG/JU
Sample : M2232-07
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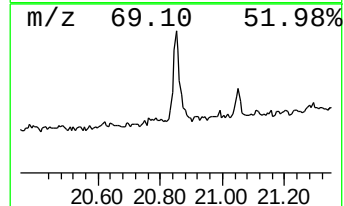
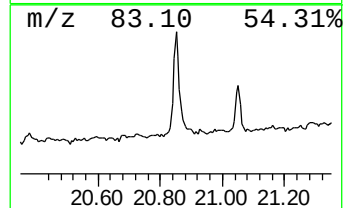
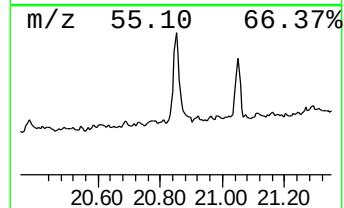
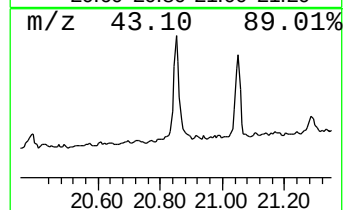
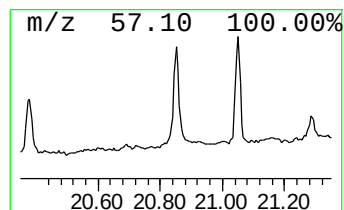
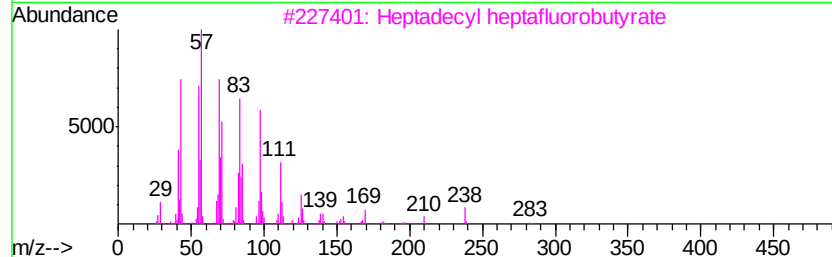
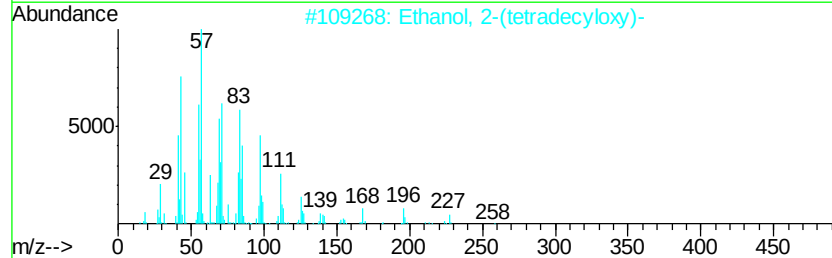
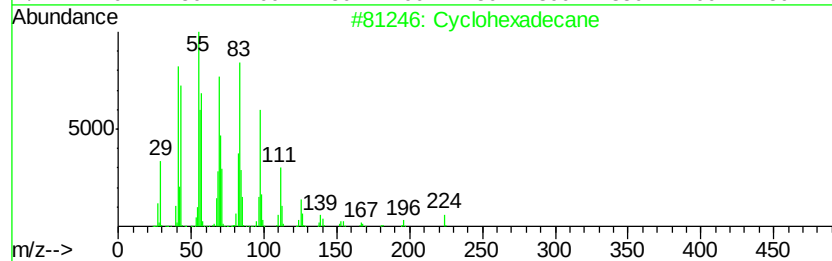
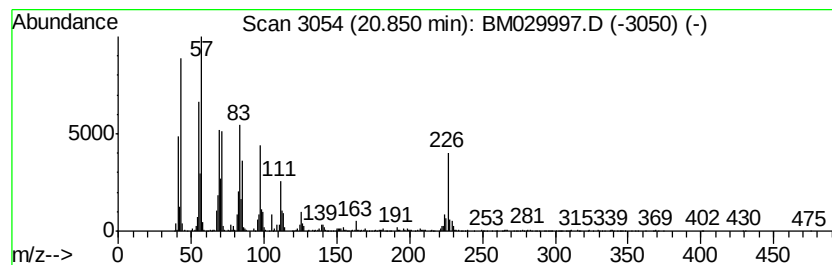
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic20.85 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.85	7.15 ng/ul	848665	Chrysene-d12	21.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	90
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	76
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	76
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	76
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051021\
Data File : BM029997.D
Acq On : 13 May 2021 00:37
Operator : CG/JU
Sample : M2232-07
Misc :
ALS Vial : 96 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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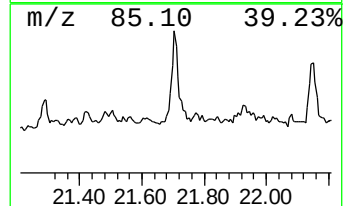
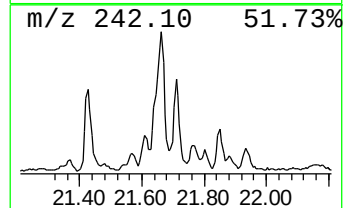
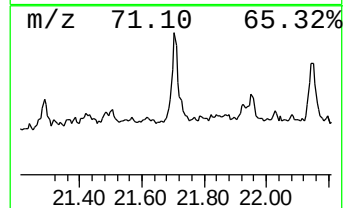
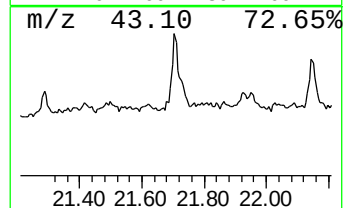
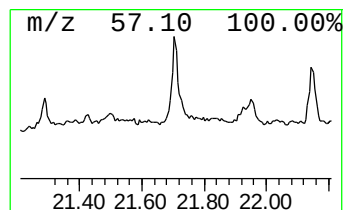
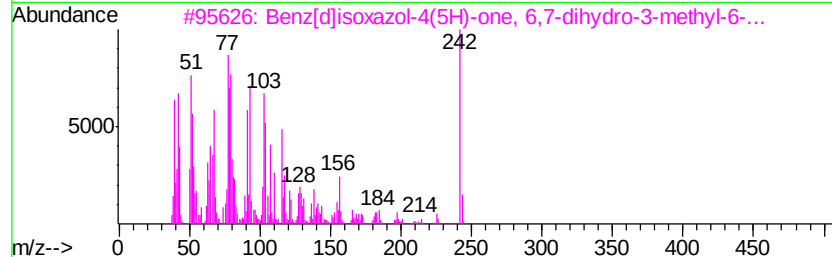
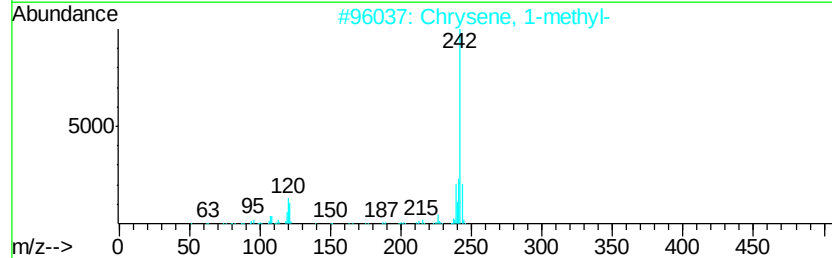
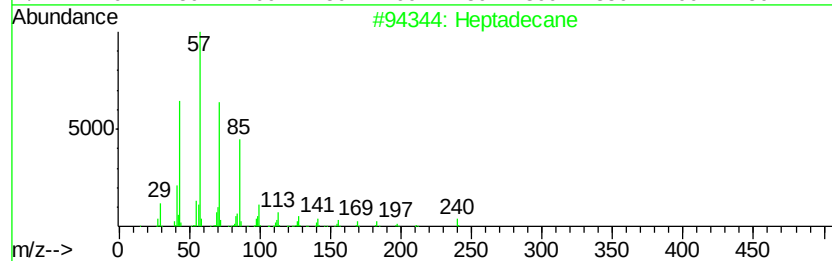
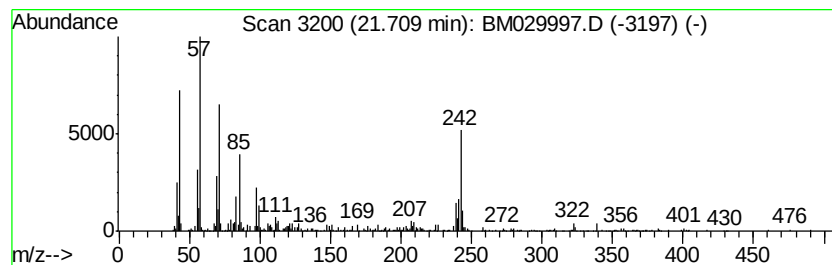
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.71	3.11 ng/ul	368666	Chrysene-d12	21.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	64
2			Chrysene, 1-methyl-	242	C19H14	003351-28-8	58
3			Benz[d]isoxazol-4(5H)-one, 6,7-d...	242	C14H14N2O2	300389-62-2	53
4			Hexadecane	226	C16H34	000544-76-3	46
5			Docosane, 11-butyl-	366	C26H54	013475-76-8	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051021\
Data File : BM029997.D
Acq On : 13 May 2021 00:37
Operator : CG/JU
Sample : M2232-07
Misc :
ALS Vial : 96 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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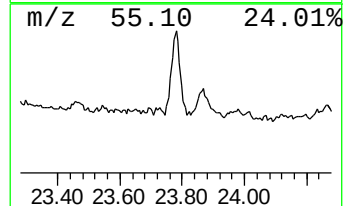
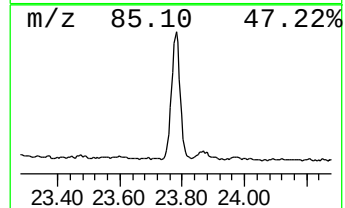
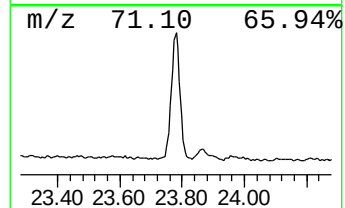
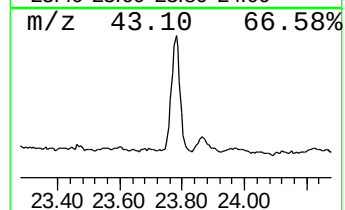
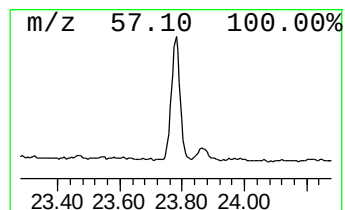
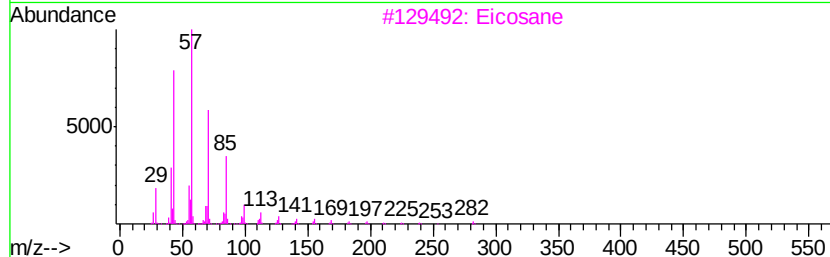
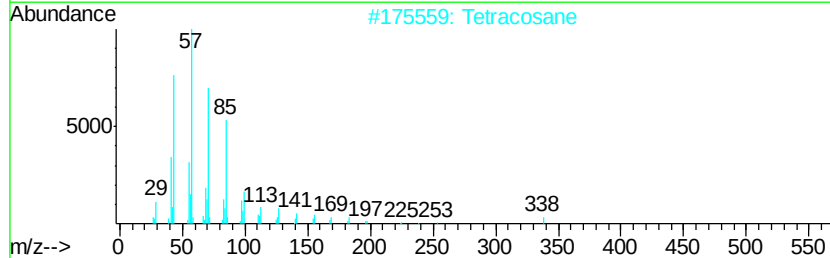
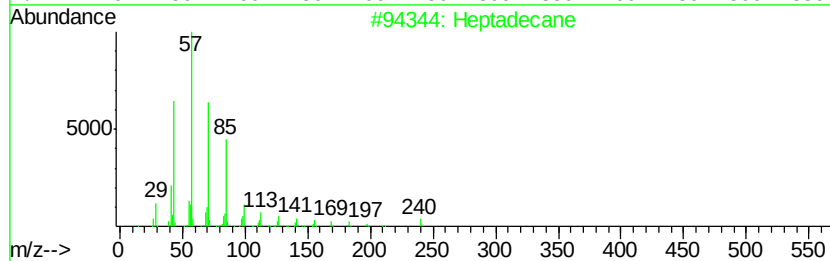
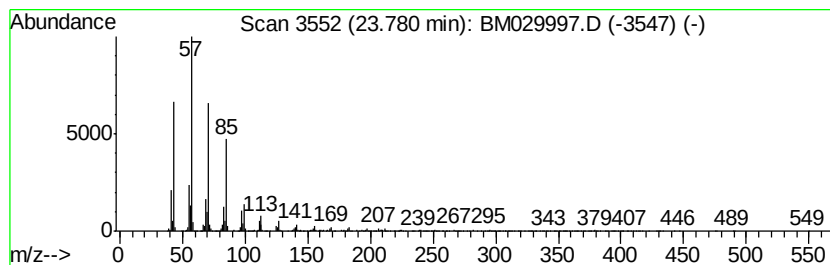
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.78	18.17 ng/ul	1227800	Perylene-d12	23.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	94
2		Tetracosane	338	C24H50	000646-31-1	93
3		Eicosane	282	C20H42	000112-95-8	93
4		triacontane	422	C30H62	000638-68-6	93
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051021\
Data File : BM029997.D
Acq On : 13 May 2021 00:37
Operator : CG/JU
Sample : M2232-07
Misc :
ALS Vial : 96 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG5A6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.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	17.84	6.2	ng/ul	576847	4	16.93	1871380	20.0
4H-Cyclopenta[def...	18.00	2.2	ng/ul	206667	4	16.93	1871380	20.0
Ethanol, 2-butoxy...	20.38	2.6	ng/ul	314921	5	21.12	2374500	20.0
(DEL) Alkane: Cyc...	20.85	7.2	ng/ul	848665	5	21.12	2374500	20.0
(DEL) Alkane: Str...	21.71	3.1	ng/ul	368666	5	21.12	2374500	20.0
(DEL) Alkane: Str...	23.78	18.2	ng/ul	1227800	6	23.27	1351680	20.0