LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051521\
Data File : BM030047.D
Acq On : 15 May 2021 13:39
Operator : CG/JU
Sample : M2397-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG1Z0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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	3.669	130	133	138	rVB2	14003	20737	0.59%	0.065%
2	5.946	517	520	526	rVB6	3696	5244	0.15%	0.016%
3	6.728	647	653	671	rBV2	91641	230305	6.54%	0.716%
4	6.881	673	679	704	rBV	333287	649965	18.46%	2.022%
5	7.069	704	711	722	rBV	425601	782685	22.23%	2.435%
6	7.528	782	789	804	rBV	478058	838098	23.80%	2.607%
7	8.251	906	912	927	rBV	276385	555719	15.78%	1.729%
8	8.687	979	986	1008	rBV	465981	908076	25.79%	2.825%
9	8.869	1015	1017	1027	rVB9	4900	10665	0.30%	0.033%
10	9.098	1053	1056	1061	rVB	6502	8124	0.23%	0.025%
11	9.404	1100	1108	1129	rBV	386529	764649	21.72%	2.379%
12	9.940	1193	1199	1227	rBV	378833	995796	28.28%	3.098%
13	10.298	1254	1260	1279	rBV	688628	1237516	35.15%	3.850%
14	10.510	1290	1296	1301	rBV5	8021	23288	0.66%	0.072%
15	10.716	1327	1331	1340	rVB9	1373	3599	0.10%	0.011%
16	11.928	1533	1537	1547	rVB5	4383	11744	0.33%	0.037%
17	13.004	1716	1720	1728	rBV4	5511	10523	0.30%	0.033%
18	13.081	1730	1733	1739	rVB5	3970	6621	0.19%	0.021%
19	13.598	1815	1821	1827	rBV	1199933	1741833	49.47%	5.418%
20	13.645	1827	1829	1839	rVV	77184	134311	3.81%	0.418%
21	13.710	1839	1840	1846	rVB5	3689	5607	0.16%	0.017%
22	13.869	1860	1867	1888	rBV	1432376	2091162	59.39%	6.505%
23	14.069	1897	1901	1903	rBV4	3887	6024	0.17%	0.019%
24	14.098	1903	1906	1911	rVB5	5931	8339	0.24%	0.026%
25	14.180	1911	1920	1930	rBV	1102216	1618472	45.97%	5.035%
26	14.463	1963	1968	1969	rBV4	14494	22459	0.64%	0.070%
27	14.822	2025	2029	2034	rVB8	2858	5682	0.16%	0.018%
28	14.998	2054	2059	2060	rBV4	4059	5260	0.15%	0.016%
29	15.051	2065	2068	2073	rVB4	4845	6563	0.19%	0.020%
30	15.180	2083	2090	2106	rBV	1789897	2744024	77.94%	8.536%
31	15.316	2108	2113	2127	rVV	588408	960222	27.27%	2.987%
32	15.422	2127	2131	2141	rVB2	26411	57241	1.63%	0.178%
33	15.616	2159	2164	2166	rBV6	2785	3849	0.11%	0.012%
34	15.969	2220	2224	2232	rVB8	8101	13861	0.39%	0.043%

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Misc :
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Instrument : BNA_M
ClientSampleId : BG1Z0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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Title : SVOA CALIBRATION

35	16.163	2254	2257	2262	rVB2	11856	16178	0.46%	0.050%
36	16.263	2269	2274	2277	rBV6	2441	4251	0.12%	0.013%
37	16.322	2279	2284	2287	rVV6	4220	6367	0.18%	0.020%
38	16.392	2291	2296	2298	rBV6	3409	4754	0.14%	0.015%
39	16.610	2330	2333	2337	rVB5	4055	4227	0.12%	0.013%
40	16.927	2381	2387	2397	rBV	1278756	1832210	52.04%	5.699%
41	17.027	2397	2404	2419	rVV	2077280	3056040	86.80%	9.506%
42	17.716	2519	2521	2525	rVB5	3854	5168	0.15%	0.016%
43	17.839	2536	2542	2558	rBV	126686	286142	8.13%	0.890%
44	18.533	2655	2660	2663	rBV7	3325	4973	0.14%	0.015%
45	18.586	2667	2669	2674	rVB4	5364	7198	0.20%	0.022%
46	18.839	2709	2712	2715	rBV4	4094	5973	0.17%	0.019%
47	18.963	2729	2733	2737	rBV	21411	29693	0.84%	0.092%
48	19.127	2756	2761	2767	rBV	55313	103737	2.95%	0.323%
49	19.215	2772	2776	2782	rVB	19350	33283	0.95%	0.104%
50	19.321	2788	2794	2810	rBV	2526213	3520908	100.00%	10.952%
51	19.574	2834	2837	2841	rVB4	6567	8086	0.23%	0.025%
52	20.845	3049	3053	3061	rBV	139792	206594	5.87%	0.643%
53	21.115	3094	3099	3111	rBV	1268566	1822615	51.77%	5.670%
54	23.133	3435	3442	3457	rBV	1606435	3035254	86.21%	9.442%
55	23.268	3459	3465	3478	rVB2	857703	1665288	47.30%	5.180%

Sum of corrected areas: 32147202

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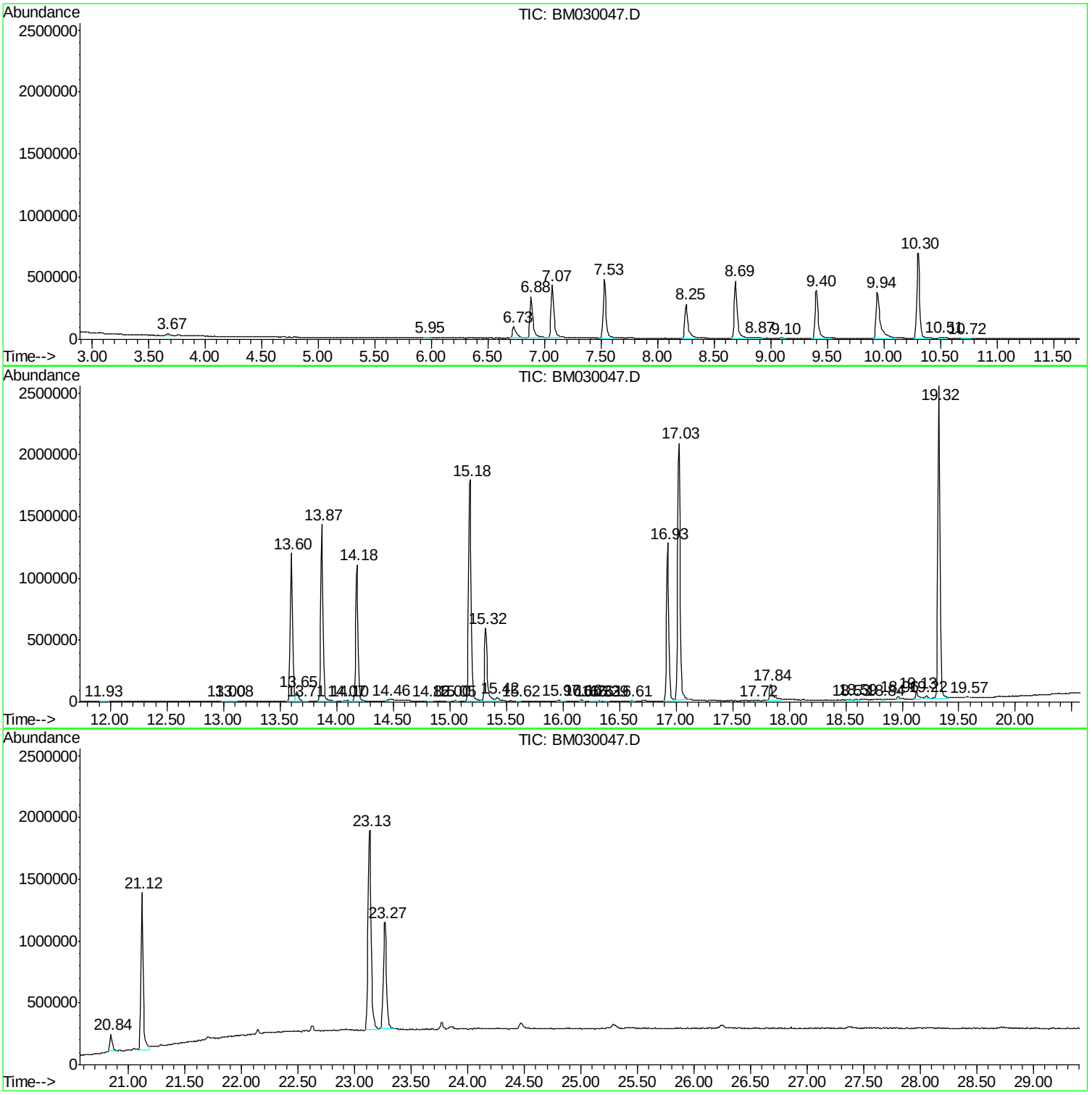
Instrument :
BNA_M
ClientSampleId :
BG1Z0

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051521\
Data File : BM030047.D
Acq On : 15 May 2021 13:39
Operator : CG/JU
Sample : M2397-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG1Z0

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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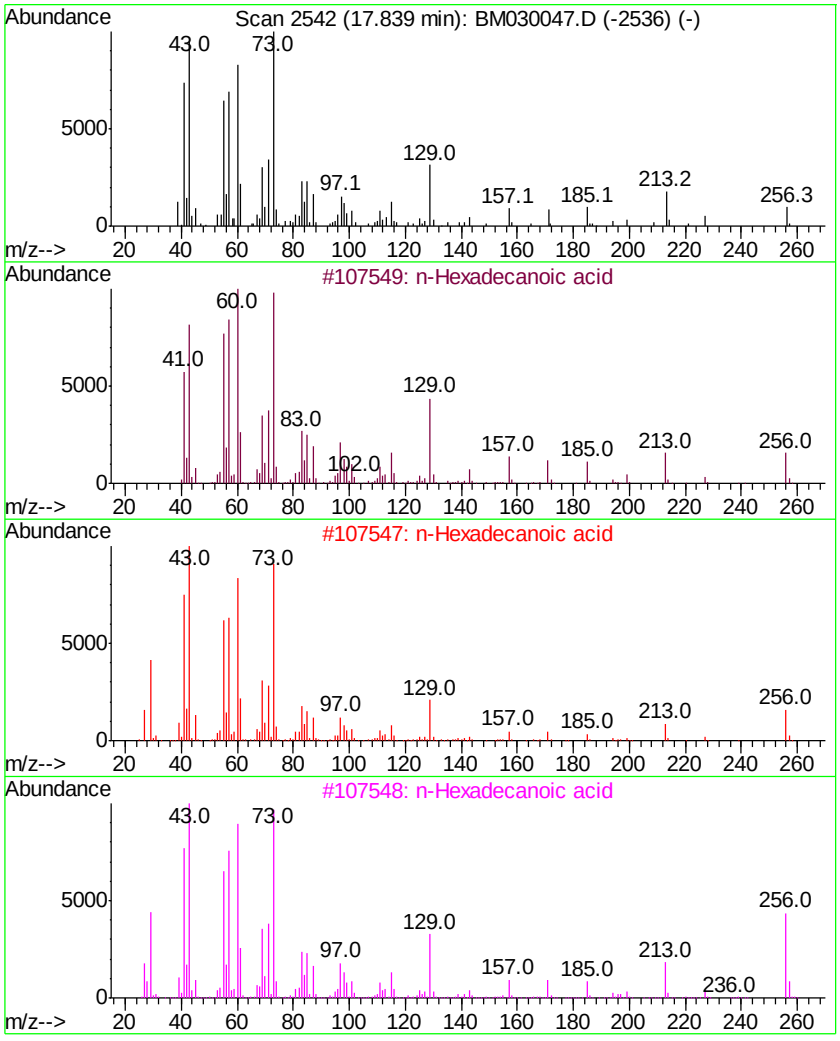
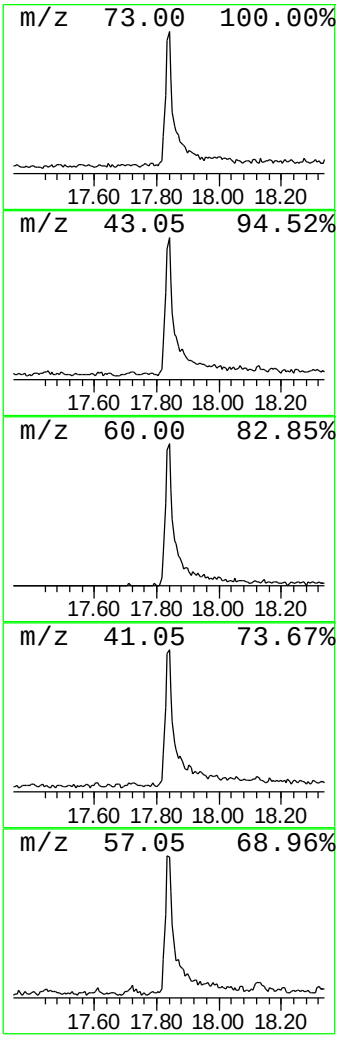
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	3.12 ng/ul	286142	Phenanthrene-d10	16.93

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	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80





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Sample : M2397-02
Misc :
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Instrument : BNA_M
ClientSampleId : BG1Z0

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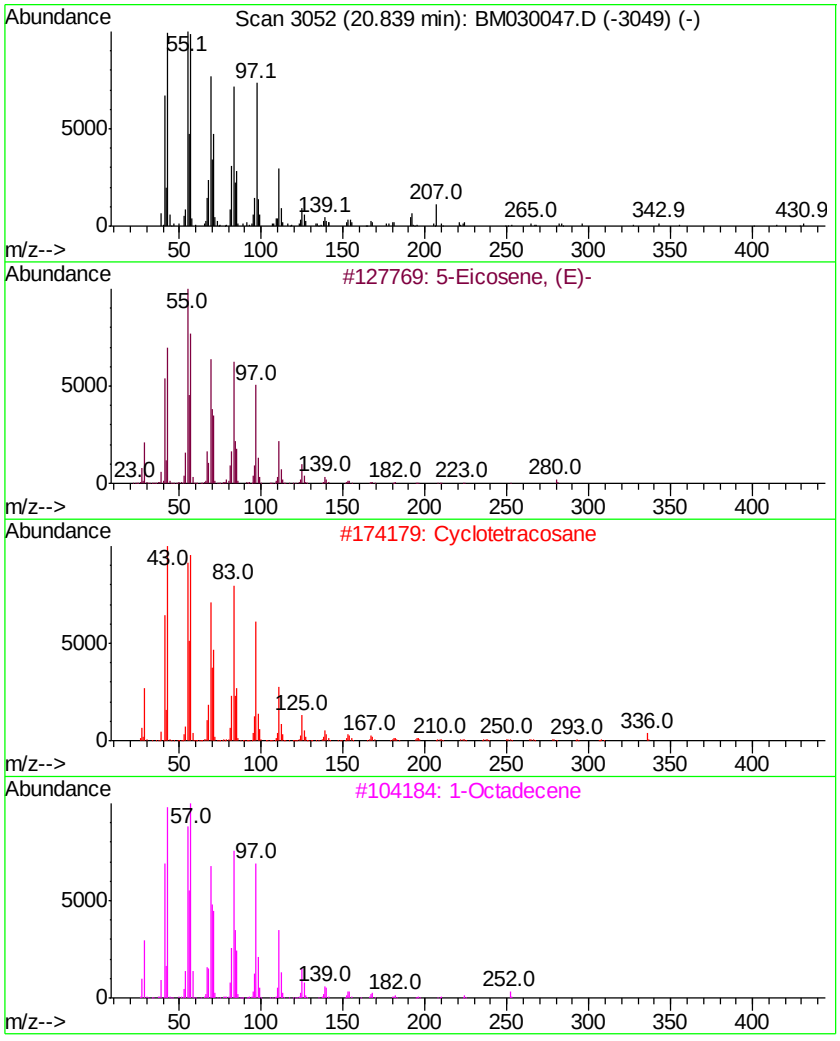
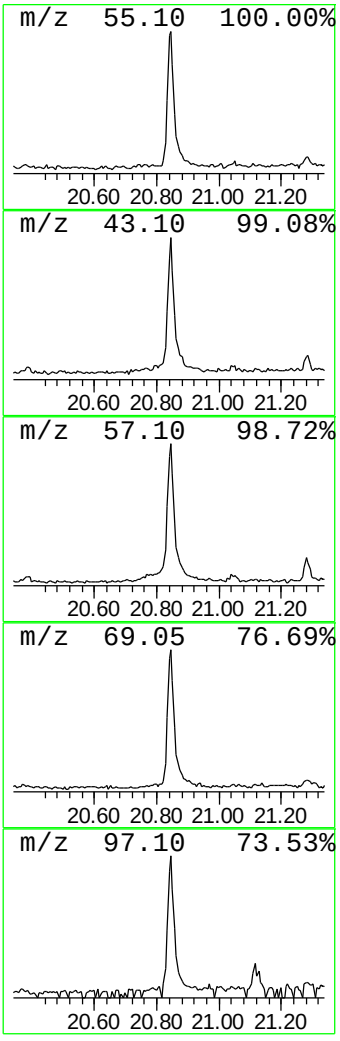
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	2.27 ng/ul	206594	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	1-Octadecene	252	C18H36	000112-88-9	92
4	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





Tentatively Identified Compound (LSC) summary

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Sample : M2397-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG1Z0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.84	3.1	ng/ul	286142	4	16.93	1832210	20.0
(DEL) Alkane: Str...	20.84	2.3	ng/ul	206594	5	21.12	1822620	20.0