LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
Data File : BM034574.D
Acq On : 08 Apr 2022 23:24
Operator : CG/JU
Sample : N2319-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YB2H8

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-BM040922.M
Title : SVOA CALIBRATION

Signal : TIC: BM034574.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.225	28	32	35	rBV	40628	57175	1.68%	0.181%
2	3.255	35	37	39	rVV	32061	33723	0.99%	0.107%
3	3.290	39	43	51	rVB	209194	273321	8.01%	0.867%
4	3.684	108	110	122	rBV	105960	176267	5.17%	0.559%
5	4.560	254	259	267	rVB	60361	90321	2.65%	0.287%
6	5.907	484	488	493	rVB	15404	24122	0.71%	0.077%
7	6.878	649	653	657	rVB3	7444	10377	0.30%	0.033%
8	7.037	675	680	696	rBV	92614	186846	5.48%	0.593%
9	7.201	702	708	721	rBV	459107	759164	22.25%	2.409%
10	7.401	735	742	757	rBV2	494627	890791	26.11%	2.827%
11	7.878	816	823	832	rBV	400286	665811	19.52%	2.113%
12	7.948	832	835	842	rVB6	10884	20207	0.59%	0.064%
13	8.037	846	850	855	rVB5	8807	14886	0.44%	0.047%
14	8.119	859	864	865	rBV5	4226	5409	0.16%	0.017%
15	8.425	912	916	920	rBV5	3106	5348	0.16%	0.017%
16	8.590	935	944	958	rBV	299969	549432	16.11%	1.744%
17	9.037	1013	1020	1032	rBV	541954	947443	27.77%	3.007%
18	9.219	1038	1051	1065	rBV	375987	985139	28.88%	3.126%
19	9.489	1092	1097	1103	rVB	14950	23915	0.70%	0.076%
20	9.766	1136	1144	1157	rBV	428890	760985	22.31%	2.415%
21	10.219	1218	1221	1225	rBV5	2704	3698	0.11%	0.012%
22	10.307	1229	1236	1252	rBV	560848	1018367	29.85%	3.232%
23	10.684	1292	1300	1312	rBV	548999	932156	27.33%	2.958%
24	10.825	1317	1324	1348	rBV	384701	863182	25.30%	2.739%
25	11.525	1434	1443	1449	rBV5	8547	20177	0.59%	0.064%
26	11.719	1474	1476	1483	rVB8	2523	3832	0.11%	0.012%
27	11.983	1517	1521	1528	rVB7	2403	4124	0.12%	0.013%
28	12.125	1538	1545	1550	rBV8	7606	15984	0.47%	0.051%
29	12.289	1568	1573	1579	rBV4	7617	14185	0.42%	0.045%
30	12.760	1648	1653	1657	rBV6	2938	4854	0.14%	0.015%
31	12.930	1680	1682	1686	rVB4	2916	4020	0.12%	0.013%
32	13.077	1703	1707	1712	rVV7	3210	5421	0.16%	0.017%
33	13.136	1714	1717	1726	rVB7	3736	9775	0.29%	0.031%
34	13.360	1751	1755	1760	rVB2	13499	18078	0.53%	0.057%
35	13.601	1792	1796	1801	rBV5	1632	3694	0.11%	0.012%
36	13.936	1846	1853	1864	rBV	1175683	1752861	51.38%	5.563%

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Integrator: RTE
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Title : SVOA CALIBRATION

37	14.219	1890	1901	1916	rBV	1317546	1984642	58.18%	6.298%
38	14.324	1916	1919	1924	rVB6	3857	7293	0.21%	0.023%
39	14.436	1934	1938	1942	rVB5	5012	7084	0.21%	0.022%
40	14.524	1945	1953	1966	rBV	760574	1152053	33.77%	3.656%
41	14.672	1973	1978	1979	rBV4	4682	6116	0.18%	0.019%
42	14.748	1982	1991	1993	rBV5	14015	32565	0.95%	0.103%
43	14.824	2001	2004	2007	rVB4	4874	6485	0.19%	0.021%
44	14.877	2011	2013	2018	rVB6	3328	4257	0.12%	0.014%
45	14.954	2022	2026	2029	rVV6	6209	11846	0.35%	0.038%
46	14.983	2029	2031	2036	rVB6	7756	12333	0.36%	0.039%
47	15.060	2040	2044	2047	rBV6	6545	8418	0.25%	0.027%
48	15.119	2051	2054	2057	rBV4	4595	5051	0.15%	0.016%
49	15.324	2085	2089	2091	rBV5	5087	5475	0.16%	0.017%
50	15.513	2114	2121	2134	rBV	1676258	2538002	74.40%	8.055%
51	15.630	2135	2141	2152	rVV	582114	859301	25.19%	2.727%
52	15.760	2159	2163	2167	rVB2	17361	24152	0.71%	0.077%
53	15.877	2180	2183	2186	rBV5	2935	4970	0.15%	0.016%
54	16.024	2206	2208	2211	rVB4	3784	3976	0.12%	0.013%
55	16.083	2214	2218	2219	rBV4	4001	4780	0.14%	0.015%
56	16.242	2241	2245	2247	rBV4	6417	7841	0.23%	0.025%
57	16.307	2252	2256	2260	rVV6	6384	11540	0.34%	0.037%
58	16.671	2315	2318	2323	rBV7	6419	10159	0.30%	0.032%
59	16.954	2362	2366	2369	rVB5	5071	8174	0.24%	0.026%
60	17.042	2376	2381	2385	rBV7	8415	16766	0.49%	0.053%
61	17.142	2395	2398	2403	rVB6	3568	4795	0.14%	0.015%
62	17.265	2413	2419	2429	rBV	890483	1268204	37.18%	4.025%
63	17.365	2430	2436	2452	rVV	1934741	2785475	81.65%	8.840%
64	17.865	2518	2521	2525	rVB	13158	17661	0.52%	0.056%
65	17.942	2531	2534	2538	rVB6	7419	10802	0.32%	0.034%
66	18.030	2547	2549	2552	rBV3	4445	5488	0.16%	0.017%
67	18.165	2568	2572	2573	rBV	87939	99073	2.90%	0.314%
68	18.189	2573	2576	2583	rVB	98737	152320	4.47%	0.483%
69	18.595	2641	2645	2648	rBV6	9988	14096	0.41%	0.045%
70	19.224	2748	2752	2759	rVB2	27831	42873	1.26%	0.136%
71	19.295	2759	2764	2766	rBV	36435	51201	1.50%	0.162%
72	19.324	2766	2769	2779	rVB2	48216	85575	2.51%	0.272%
73	19.442	2786	2789	2797	rBV4	24482	38133	1.12%	0.121%
74	19.654	2819	2825	2831	rBV	2513779	3411360	100.00%	10.826%
75	21.159	3077	3081	3087	rBV3	86365	133573	3.92%	0.424%
76	21.442	3124	3129	3134	rBV	807771	1136826	33.32%	3.608%

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77	23.671	3501	3508	3516	rBV	1445518	3058657	89.66%	9.707%
78	23.824	3528	3534	3544	rVB2	636524	1305655	38.27%	4.144%

Sum of corrected areas: 31510136

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Instrument :
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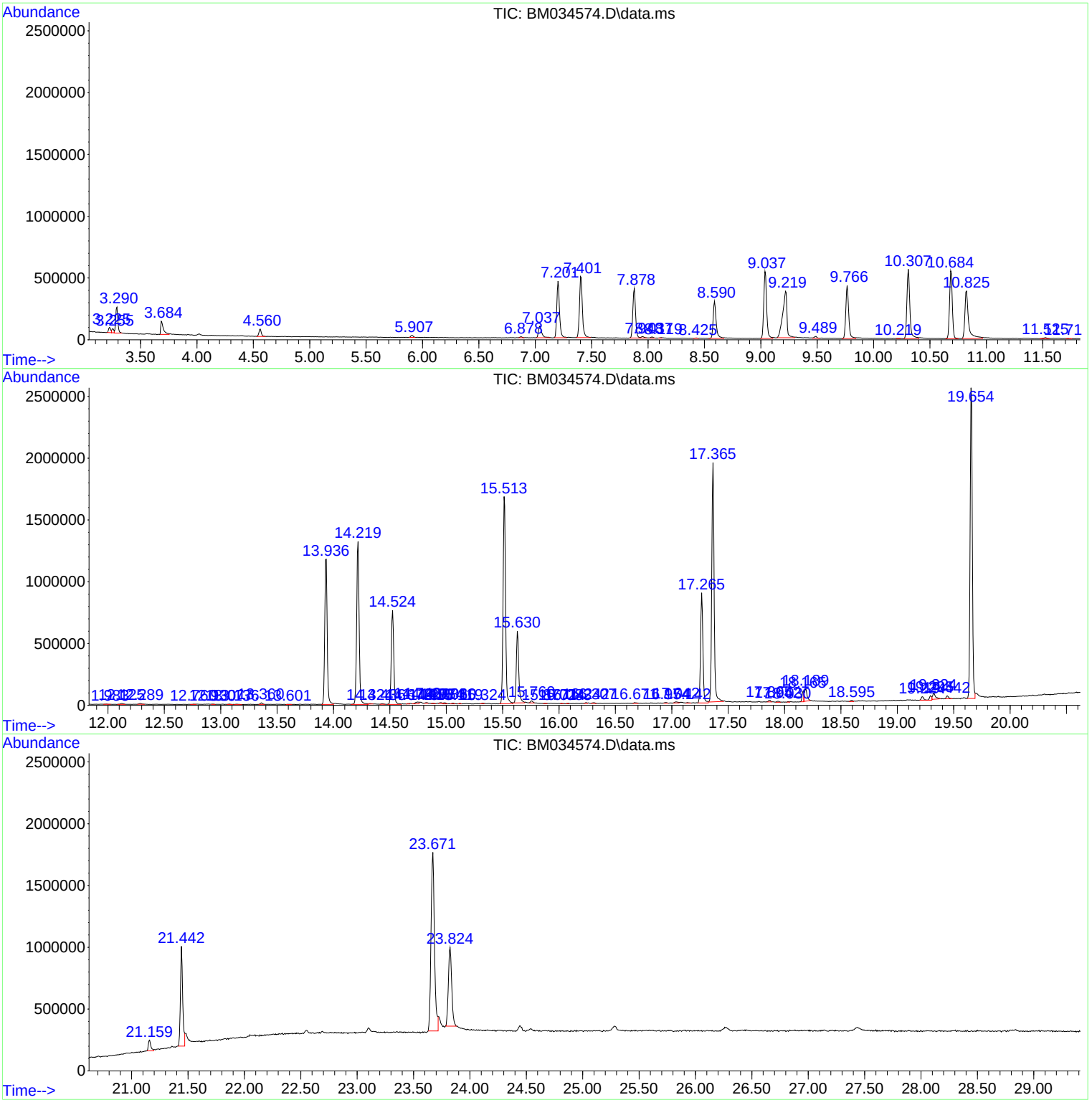
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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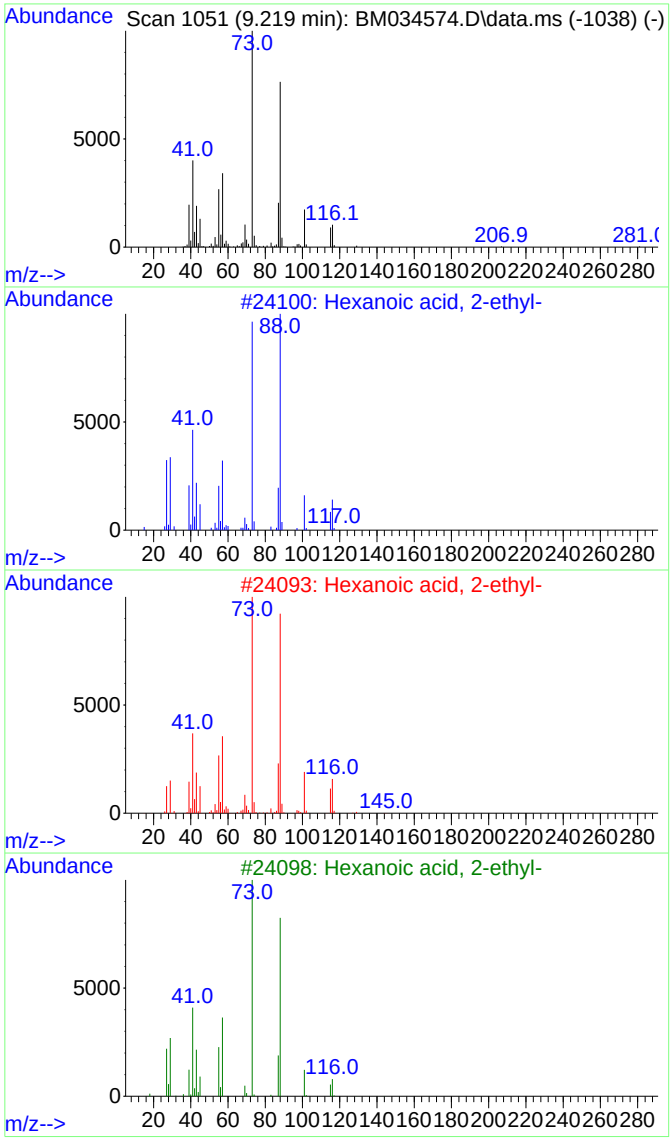
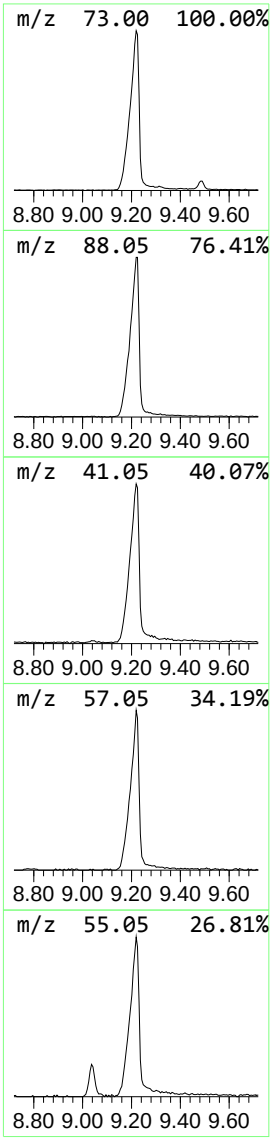
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.219	29.59 ng/ul	985139	1,4-Dichlorobenzene-d4	7.878

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	80
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72





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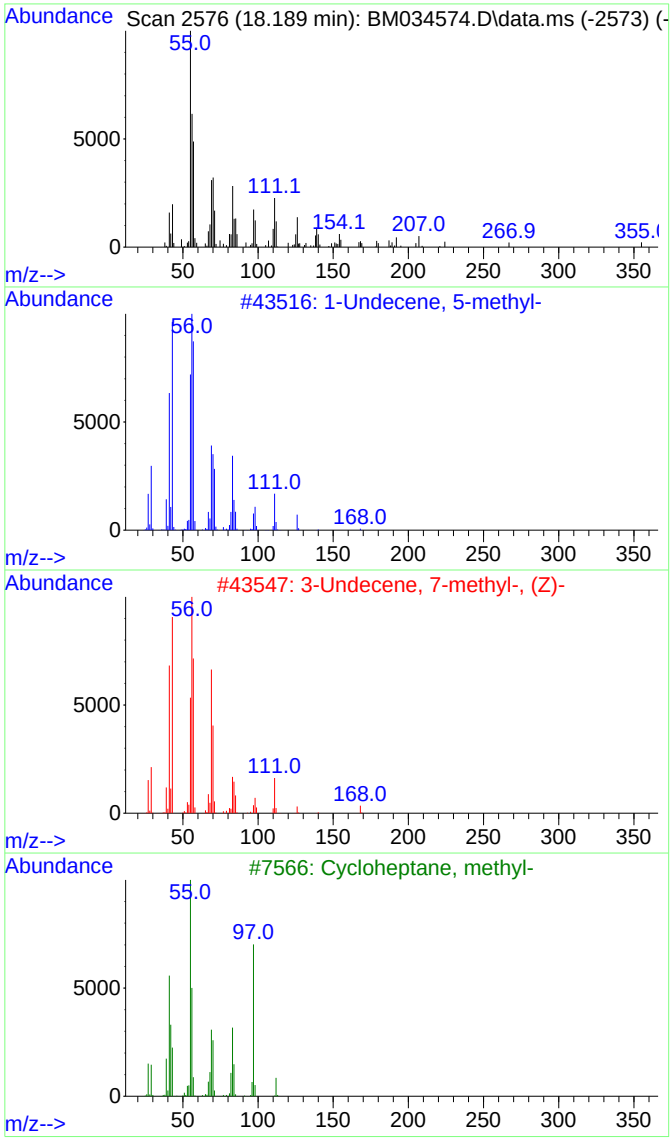
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION

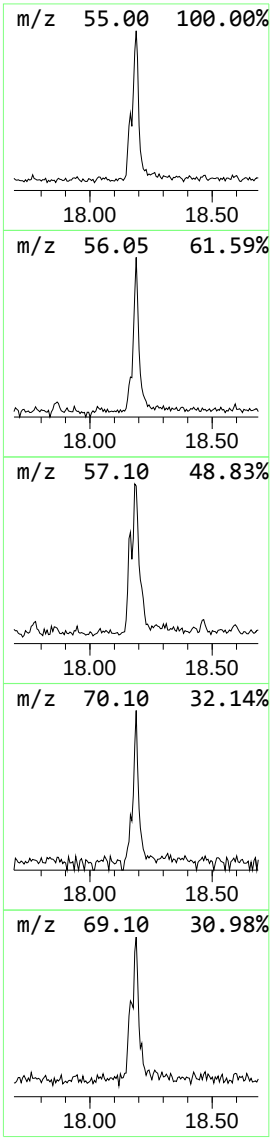
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.189	2.40 ng/ul	152320	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene, 5-methyl-	168	C12H24	074630-38-9	83
2	3-Undecene, 7-methyl-, (Z)-	168	C12H24	074630-49-2	64
3	Cycloheptane, methyl-	112	C8H16	004126-78-7	49
4	Cyclopropane, 1-methyl-2-pentyl-	126	C9H18	041977-37-1	49
5	2-Nonene	126	C9H18	002216-38-8	49





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ClientSampleId :
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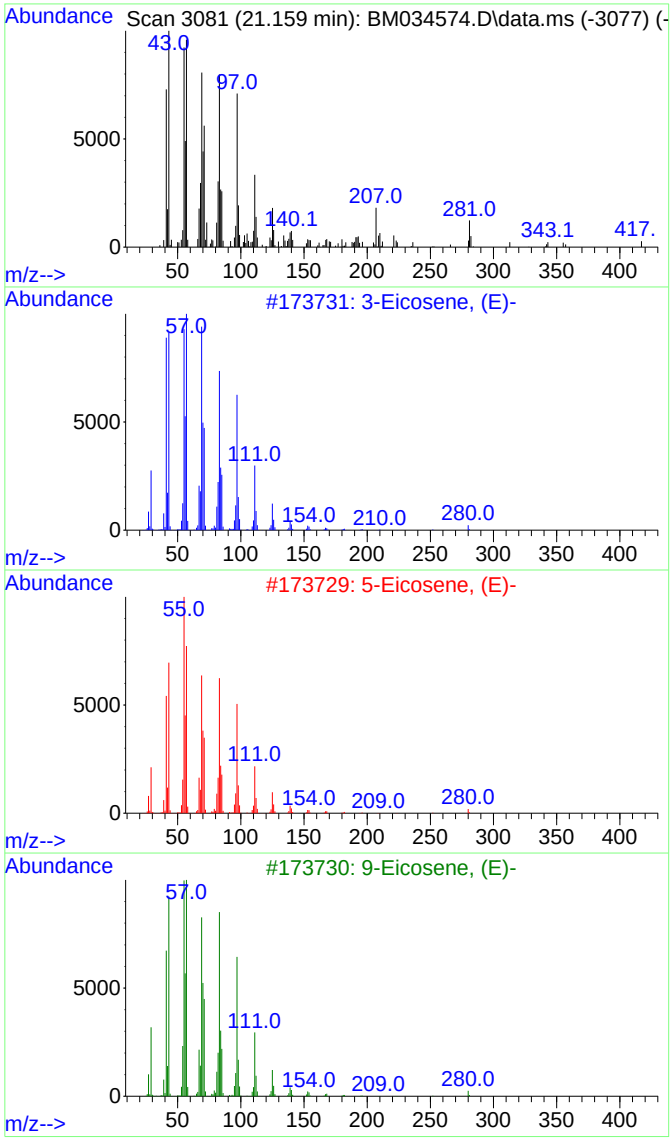
Quant Title : SVOA CALIBRATION

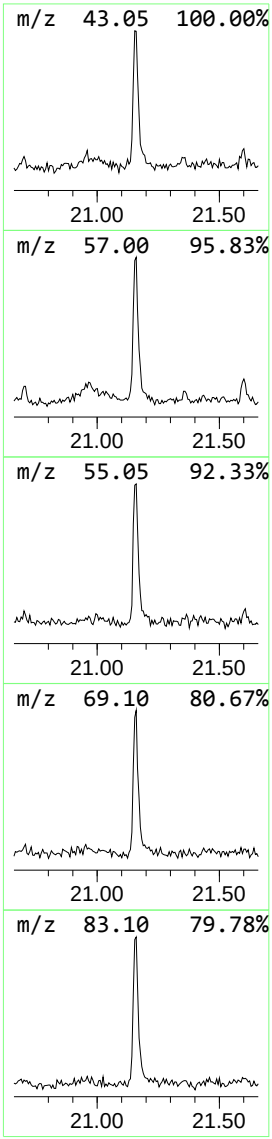
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.159	2.35 ng/ul	133573	Chrysene-d12	21.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	99
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	95
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanoic acid, ...	9.219	29.6	ng/ul	985139	1	7.878	665811	20.0
(DEL) Alkane: S...	18.189	2.4	ng/ul	152320	4	17.265	1268200	20.0
(DEL) Alkane: S...	21.159	2.4	ng/ul	133573	5	21.442	1136830	20.0