LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081420\
Data File : BG046292.D
Acq On : 15 Aug 2020 2:06
Operator : CG/JU
Sample : L3660-08 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RBR-58

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_G\METHODS\8270-BG073020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.158	7	12	24	rVB	159901	246130	11.87%	1.271%
2	5.068	332	337	345	rVB	15265	24339	1.17%	0.126%
3	5.538	408	417	427	rBV	528776	860374	41.51%	4.444%
4	7.118	678	686	699	rBV	554423	948197	45.75%	4.897%
5	7.953	820	828	836	rBV	404109	680218	32.82%	3.513%
6	9.104	1016	1024	1034	rBV	351663	647522	31.24%	3.344%
7	10.749	1295	1304	1313	rBV	567081	1024542	49.43%	5.292%
8	13.199	1714	1721	1729	rBV	1082113	1633532	78.81%	8.437%
9	14.028	1854	1862	1866	rBV	46396	75782	3.66%	0.391%
10	14.574	1948	1955	1962	rBV	915483	1449639	69.94%	7.487%
11	15.620	2130	2133	2137	rBV4	12831	20985	1.01%	0.108%
12	16.061	2202	2208	2222	rBV	754108	1160178	55.97%	5.992%
13	17.318	2417	2422	2427	rBV	994783	1533317	73.98%	7.919%
14	17.359	2427	2429	2436	rVB	189787	231291	11.16%	1.195%
15	18.223	2572	2576	2583	rVB5	177910	302129	14.58%	1.560%
16	19.369	2767	2771	2777	rVB	486065	669021	32.28%	3.455%
17	19.727	2829	2832	2838	rVB	419190	574557	27.72%	2.968%
18	19.933	2862	2867	2872	rVB	1521821	2026487	97.77%	10.467%
19	21.231	3084	3088	3096	rVB3	292028	469552	22.65%	2.425%
20	21.472	3126	3129	3137	rVB	119547	188254	9.08%	0.972%
21	21.566	3138	3145	3150	rVV2	1114543	2072730	100.00%	10.706%
22	21.607	3150	3152	3158	rVB	192916	273787	13.21%	1.414%
23	23.693	3502	3507	3516	rBV	138295	396534	19.13%	2.048%
24	24.521	3644	3648	3657	rVB	115634	282656	13.64%	1.460%
25	24.680	3667	3675	3683	rBV2	604889	1569547	75.72%	8.107%

Sum of corrected areas: 19361300

LSC Report - Integrated Chromatogram

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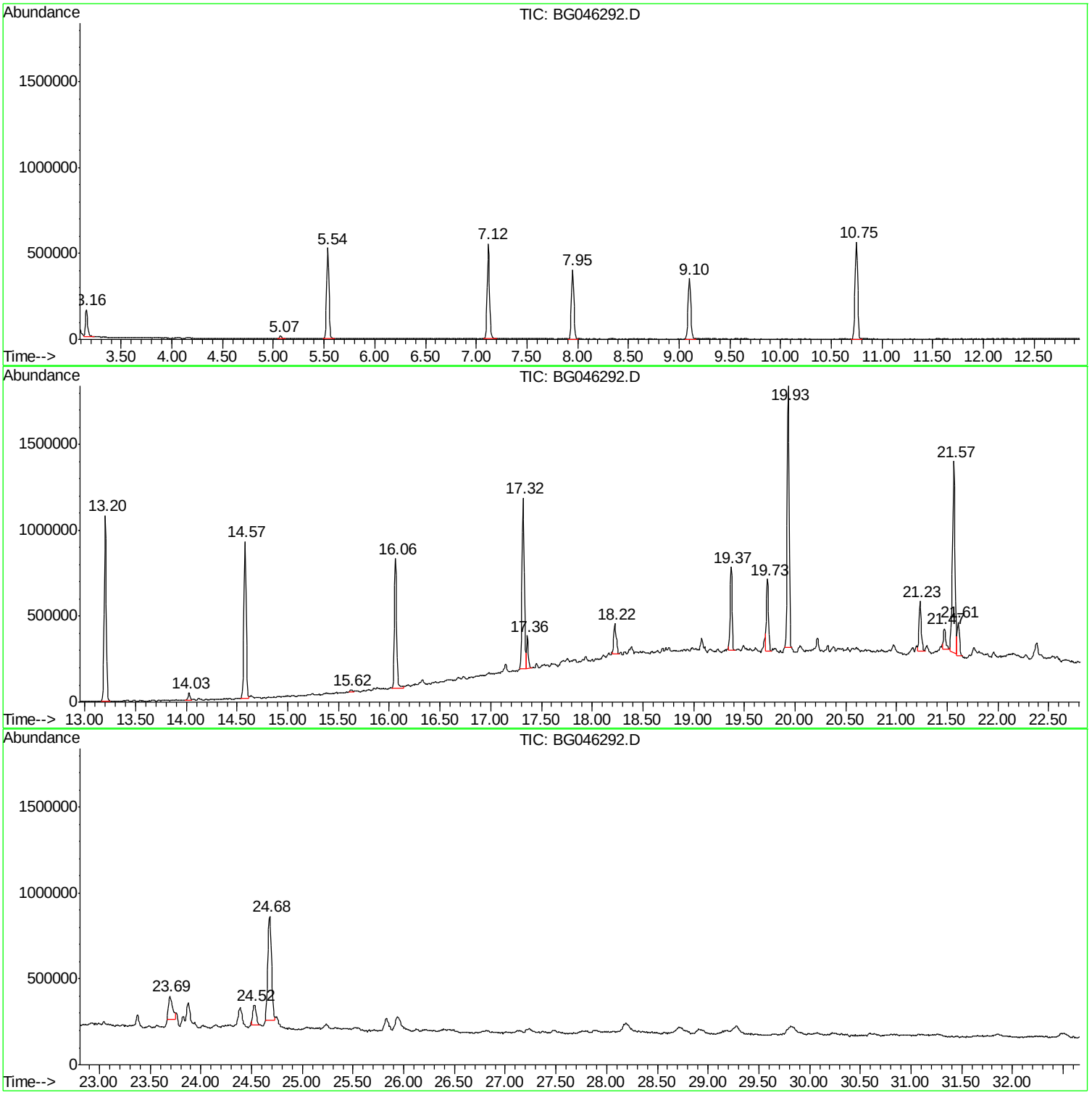
Instrument : BNA_G
ClientSampleId : RBR-58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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TIC Integration Parameters: LSCINT.P

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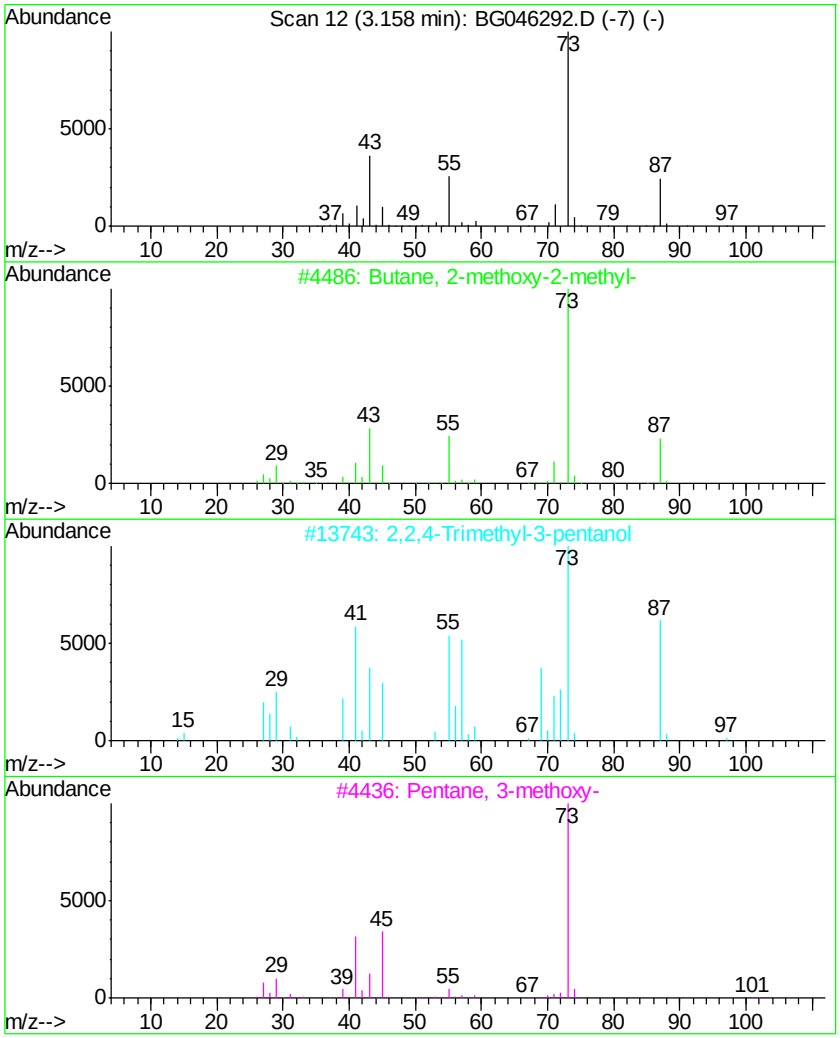
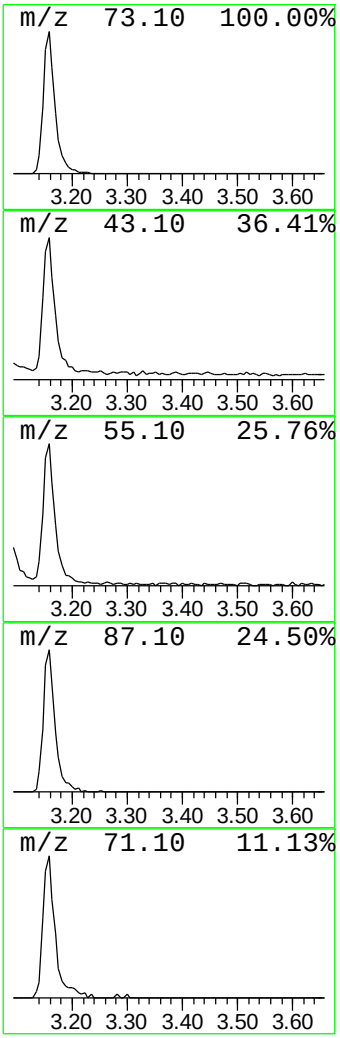
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	7.24 ng	246130	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Instrument : BNA_G
ClientSampleId : RBR-58

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
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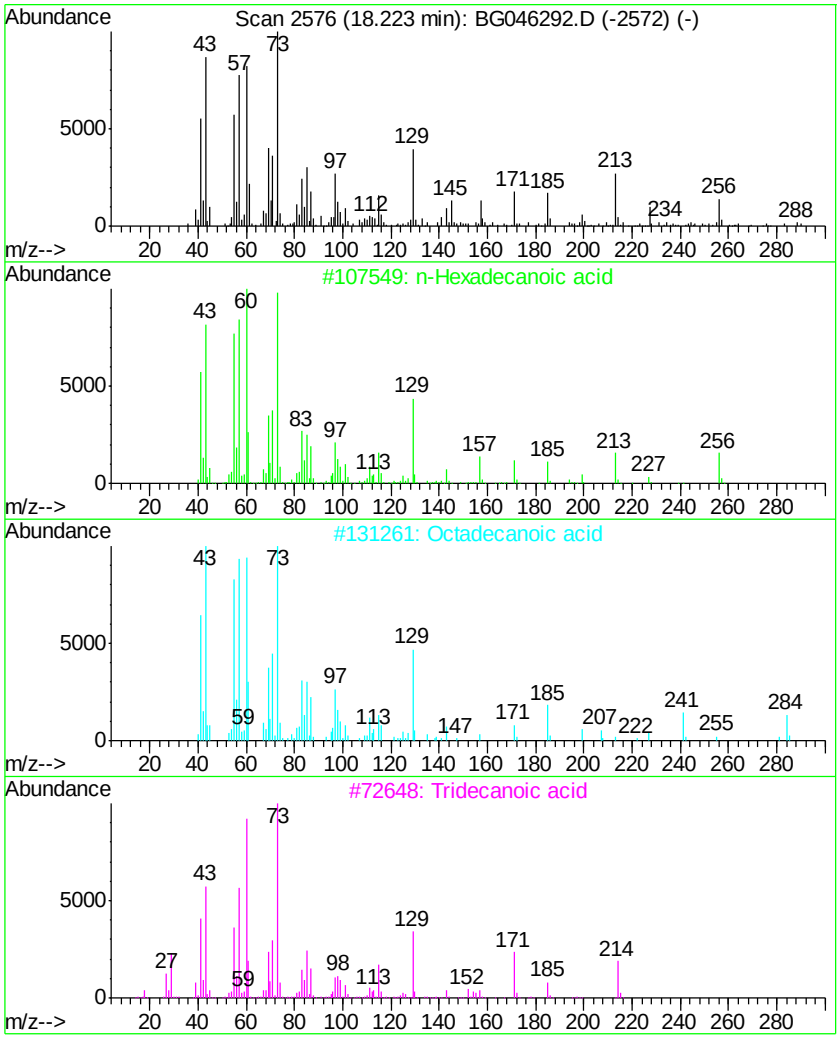
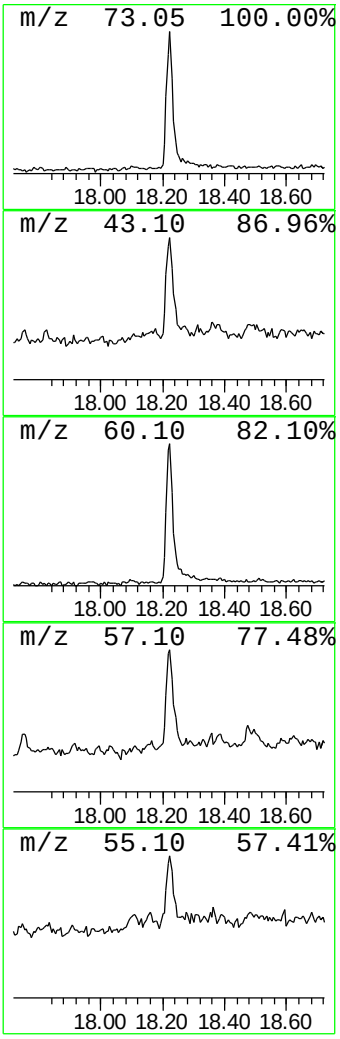
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	3.94 ng	302129	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Dodecanoic acid	200	C12H24O2	000143-07-7	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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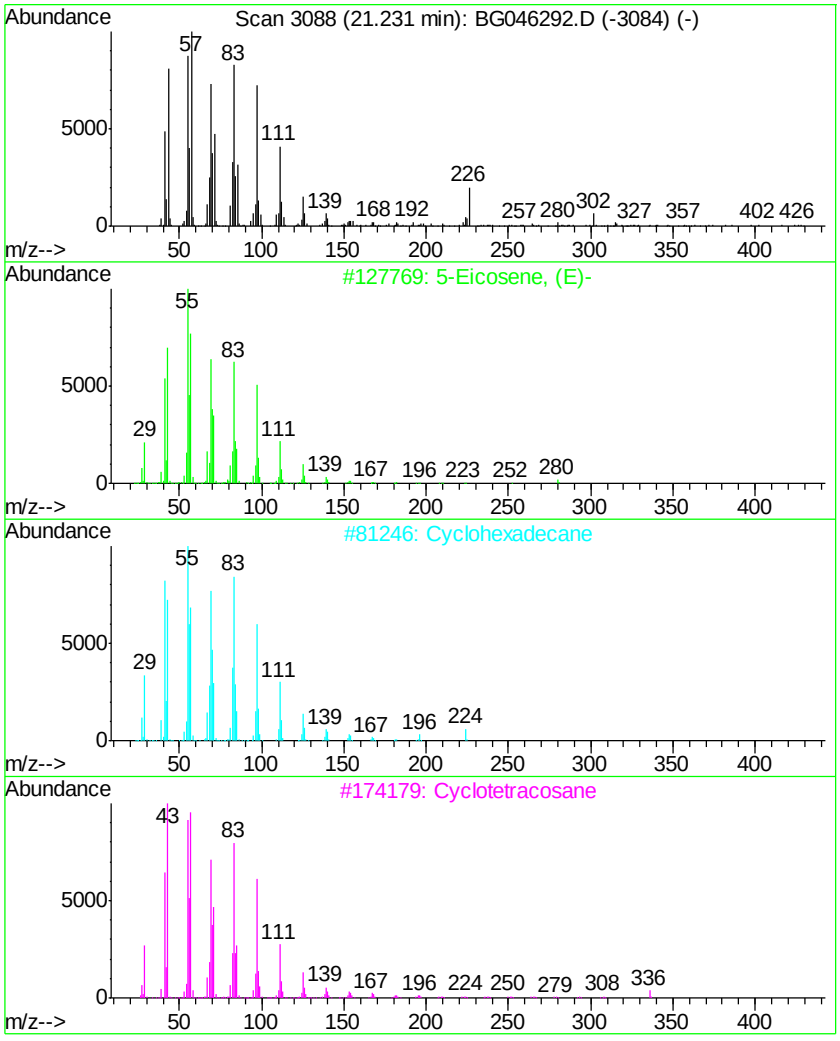
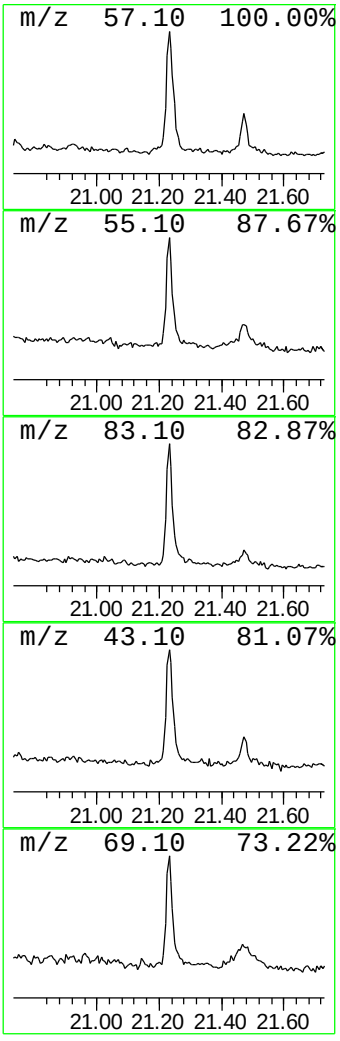
Peak Number 3 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	4.53 ng	469552	Chrysene-d12	21.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	Cyclotetracosane	336	C24H48	000297-03-0	93
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
5	1-Nonadecene	266	C19H38	018435-45-5	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.16	7.2	ng	246130	1	7.95	680218	20.0
n-Hexadecanoic acid	18.22	3.9	ng	302129	4	17.32	1533320	20.0
5-Eicosene, (E)-	21.23	4.5	ng	469552	5	21.57	2072730	20.0