LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
Data File : BG045241.D
Acq On : 4 May 2020 19:53
Operator : CG/JU
Sample : L2476-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-GF-03-008-B

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-BG041520.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	8	12	22	rVB	50782	95469	2.37%	0.377%
2	5.567	414	422	433	rBV	998043	1714253	42.64%	6.768%
3	7.159	684	693	703	rBV	1110682	1985032	49.38%	7.837%
4	7.993	826	835	845	rBV	295904	524349	13.04%	2.070%
5	8.316	882	890	900	rBV	954263	1691883	42.08%	6.680%
6	9.150	1024	1032	1050	rBV	696411	1330756	33.10%	5.254%
7	10.801	1305	1313	1321	rBV	377111	727980	18.11%	2.874%
8	13.257	1723	1731	1741	rBV	2035335	3309279	82.32%	13.065%
9	14.079	1864	1871	1877	rBV	145165	231524	5.76%	0.914%
10	14.631	1958	1965	1972	rBV	628428	1034694	25.74%	4.085%
11	16.123	2211	2219	2231	rBV	1552647	2513425	62.52%	9.923%
12	17.380	2426	2433	2437	rBV	747601	1151163	28.63%	4.545%
13	17.421	2437	2440	2447	rVV	173706	261300	6.50%	1.032%
14	17.510	2451	2455	2461	rVB2	41716	71876	1.79%	0.284%
15	18.279	2580	2586	2594	rBV2	123496	248609	6.18%	0.982%
16	18.450	2611	2615	2619	rBV3	45198	71705	1.78%	0.283%
17	19.431	2777	2782	2788	rBV	409549	593502	14.76%	2.343%
18	19.795	2839	2844	2853	rVB	352002	568645	14.14%	2.245%
19	19.994	2872	2878	2885	rBV	3102040	4020211	100.00%	15.872%
20	20.282	2925	2927	2931	rVB2	57706	63624	1.58%	0.251%
21	21.304	3098	3101	3109	rBV4	170604	328704	8.18%	1.298%
22	21.545	3139	3142	3145	rVB	102930	128931	3.21%	0.509%
23	21.645	3151	3159	3164	rBV2	720206	1481594	36.85%	5.849%
24	23.825	3524	3530	3536	rBV2	121170	347704	8.65%	1.373%
25	24.829	3694	3701	3709	rBV2	321483	832889	20.72%	3.288%

Sum of corrected areas: 25329101

LSC Report - Integrated Chromatogram

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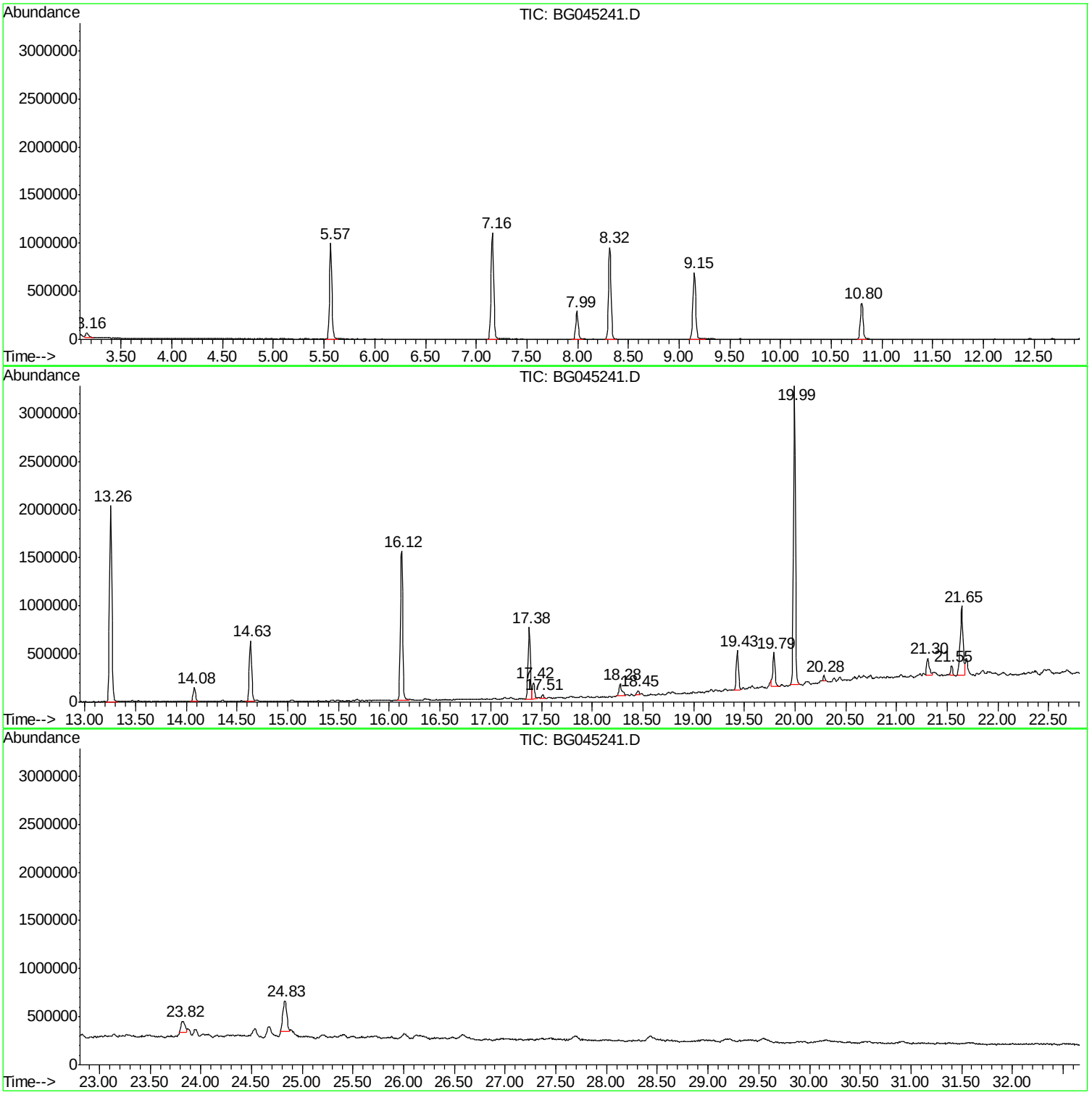
Instrument : BNA_G
ClientSampleId : FK-GF-03-008-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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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ClientSampleId : FK-GF-03-008-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

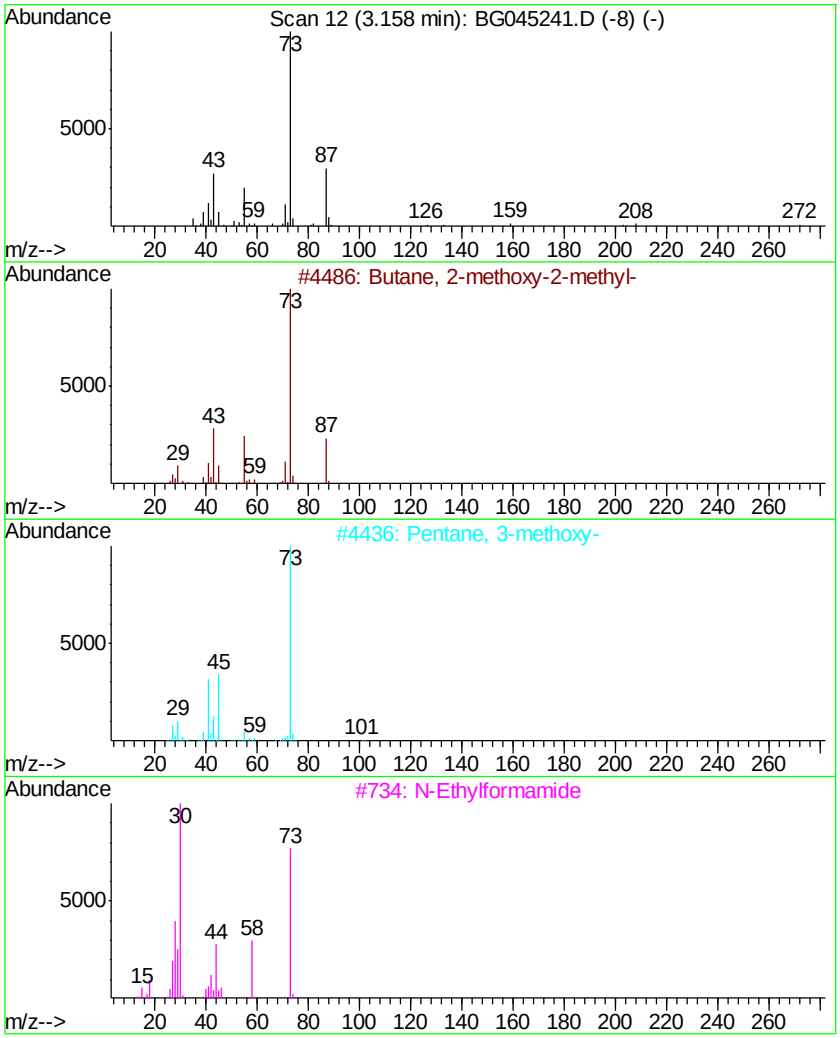
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

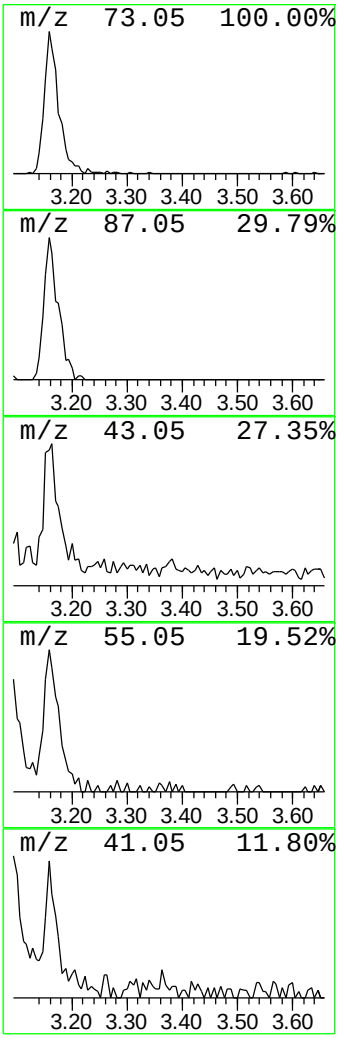
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	3.64 ng	95469	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	53
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	3,4-Hexanediol, 2,5-dimethyl-	146	C8H18O2	022607-11-0	9
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9





Library Search Compound Report

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-GF-03-008-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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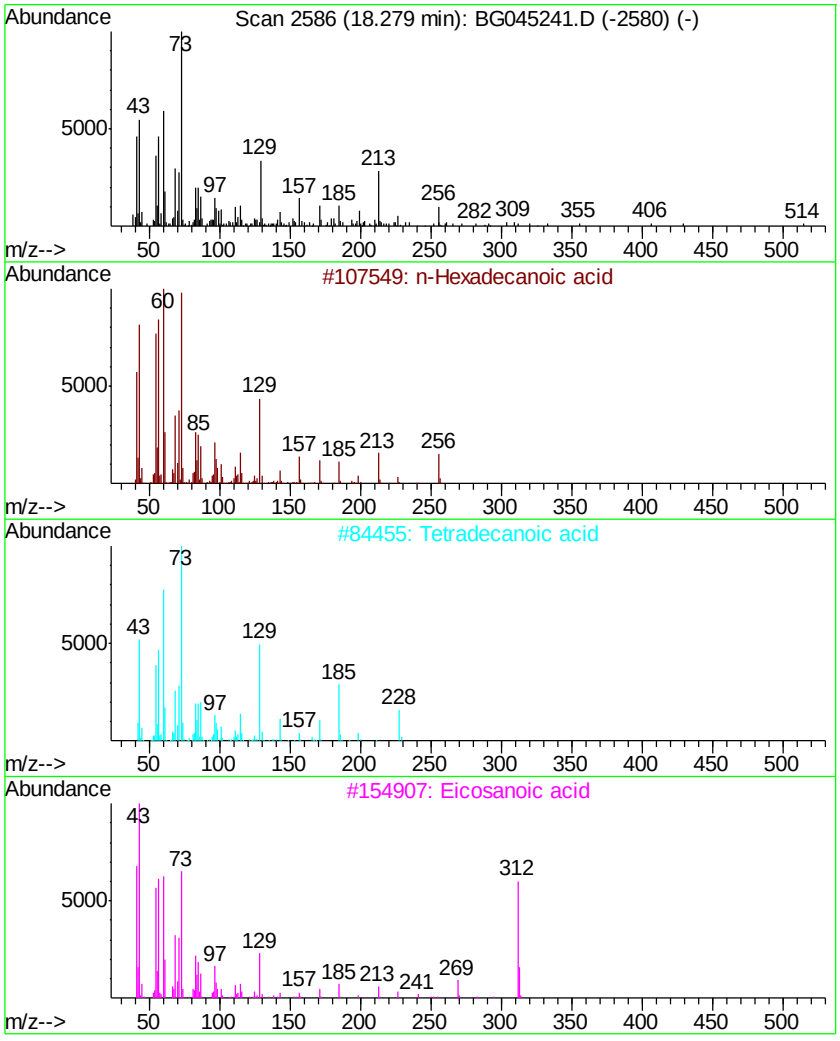
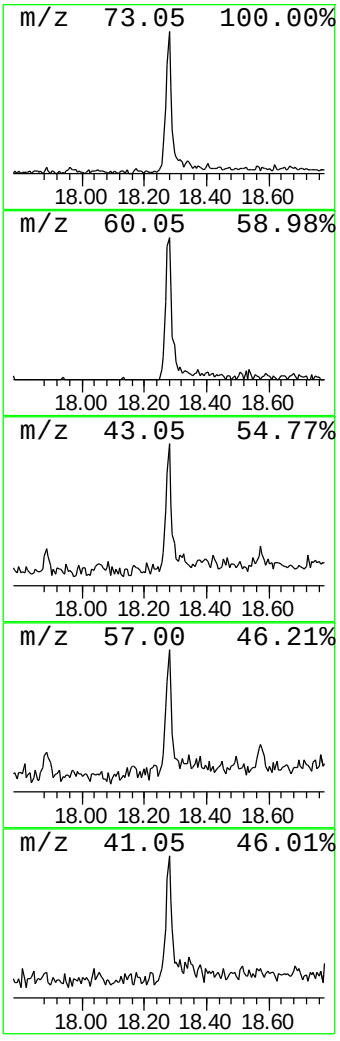
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	4.32 ng	248609	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
3	Eicosanoic acid	312	C20H40O2	000506-30-9	53
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-GF-03-008-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
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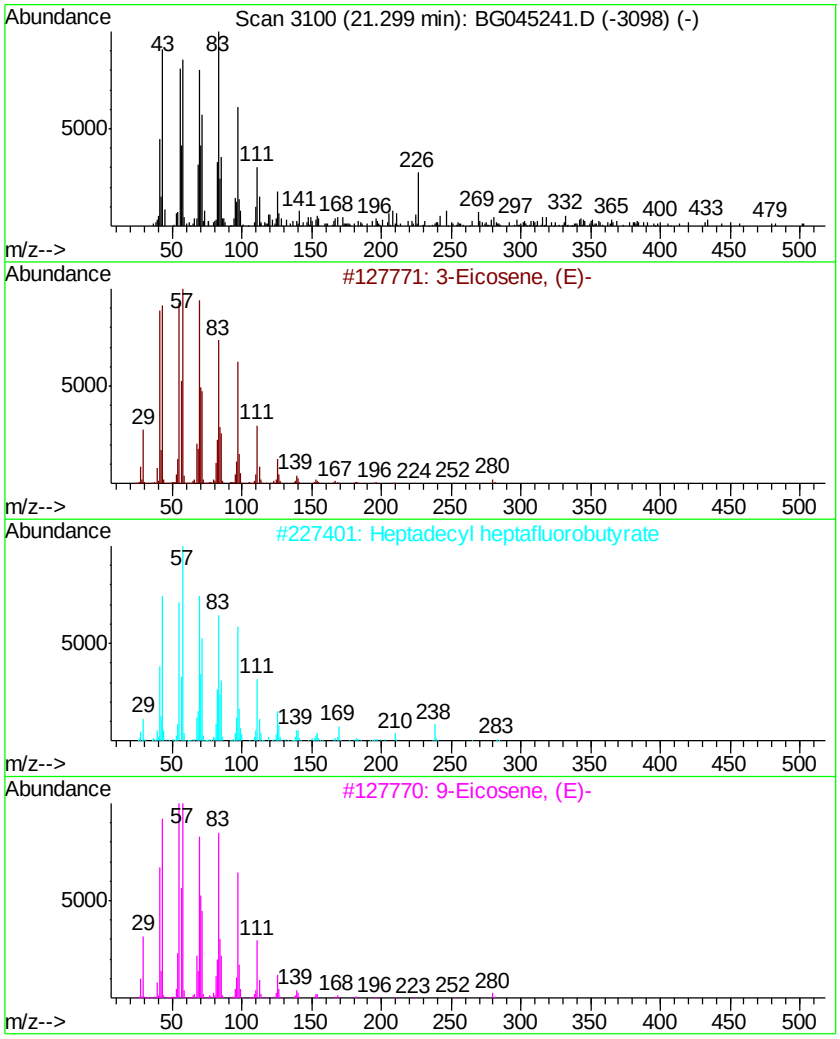
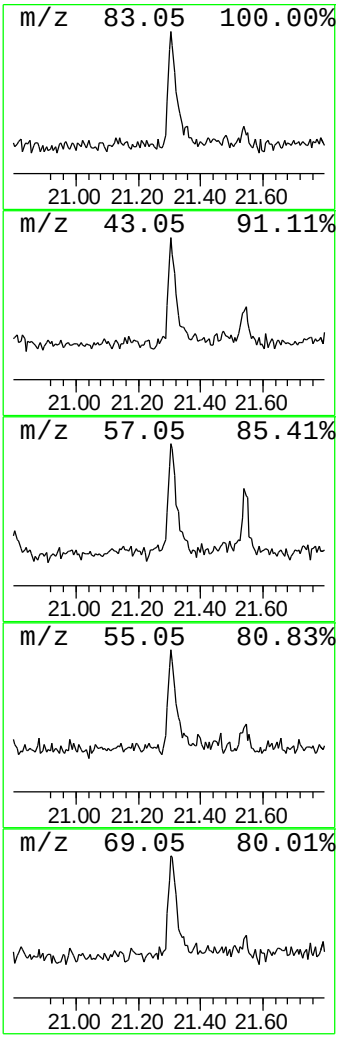
Peak Number 4 3-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	4.44 ng	328704	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	78
4	Cyclotetracosane	336	C24H48	000297-03-0	78
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	76





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST11.L
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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.16	3.6	ng	95469	1	7.99	524349	20.0
n-Hexadecanoic acid	18.28	4.3	ng	248609	4	17.38	1151160	20.0
3-Eicosene, (E)-	21.30	4.4	ng	328704	5	21.65	1481590	20.0