LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012423\
Data File : BP013566.D
Acq On : 24 Jan 2023 12:17
Operator : CG/JU
Sample : 01232-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-P-17B

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_P\Methods\8270E-BP012323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP013566.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.222	3	6	21	rVB	1503619	1732294	22.79%	3.545%
2	5.216	339	345	353	rVB	1387188	1869100	24.59%	3.825%
3	5.687	417	425	437	rBV	3274810	4673777	61.50%	9.564%
4	7.299	690	699	709	rBV	3017974	4737650	62.34%	9.695%
5	8.157	838	845	852	rBV	916921	1438510	18.93%	2.944%
6	9.328	1036	1044	1052	rBV	1736067	2877742	37.86%	5.889%
7	10.987	1319	1326	1334	rBV	1108524	1915989	25.21%	3.921%
8	13.422	1732	1740	1749	rBV	4352377	6256609	82.32%	12.803%
9	14.792	1967	1973	1984	rVB	1458927	2184698	28.75%	4.471%
10	16.145	2198	2203	2209	rBV	104267	142975	1.88%	0.293%
11	16.281	2219	2226	2239	rBV	2731020	4099996	53.95%	8.390%
12	17.545	2434	2441	2450	rBV	1747263	2422748	31.88%	4.958%
13	18.404	2582	2587	2598	rBV	310376	519899	6.84%	1.064%
14	19.627	2790	2795	2807	rBV2	131630	240093	3.16%	0.491%
15	20.074	2866	2871	2881	rBV	6133113	7600021	100.00%	15.552%
16	21.298	3075	3079	3088	rBV	332167	462170	6.08%	0.946%
17	21.621	3129	3134	3140	rBV	1975205	2622544	34.51%	5.367%
18	24.210	3567	3574	3585	rVB2	1443581	3071028	40.41%	6.284%

Sum of corrected areas: 48867843

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ClientSampleId :
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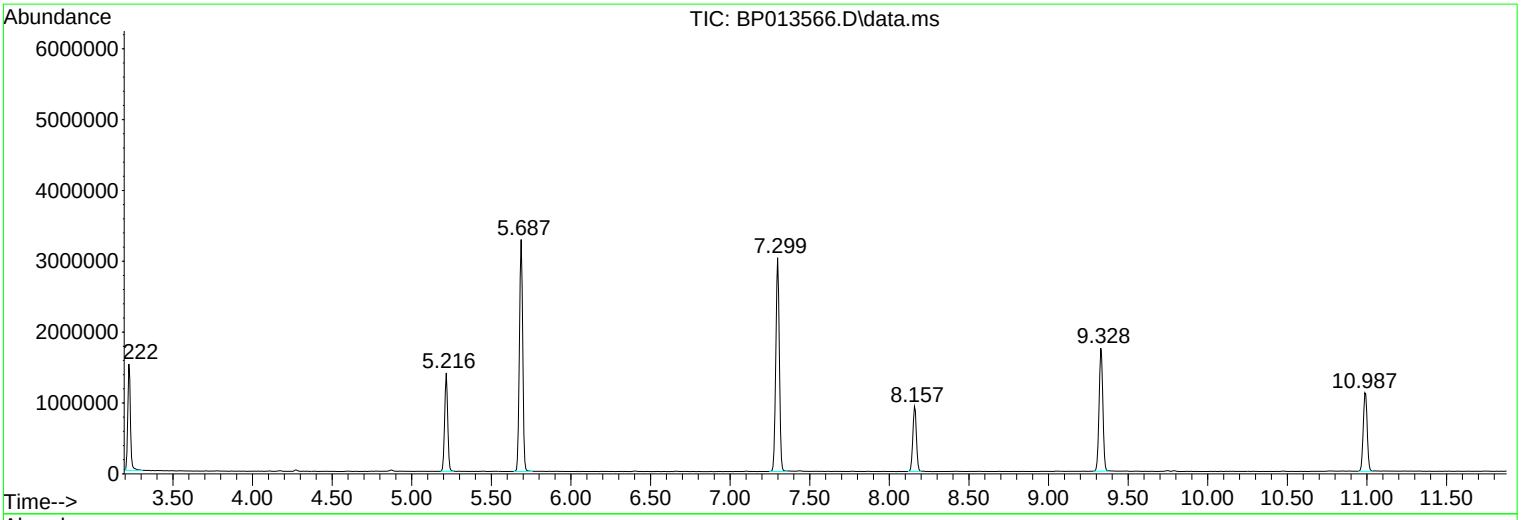
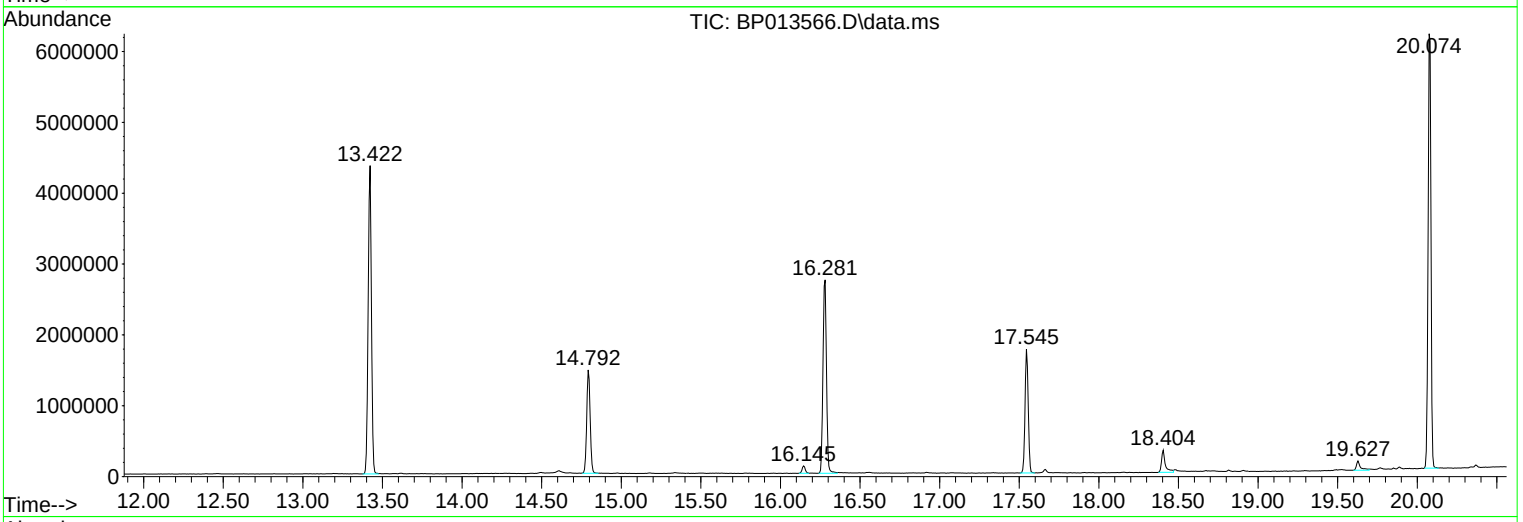
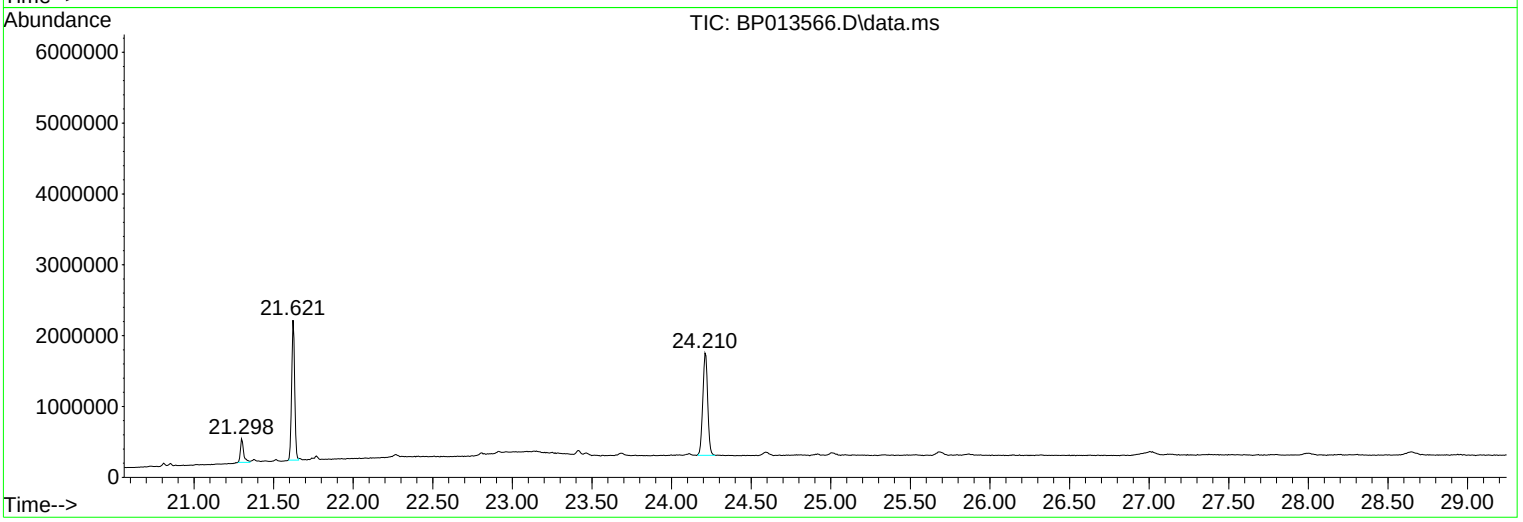
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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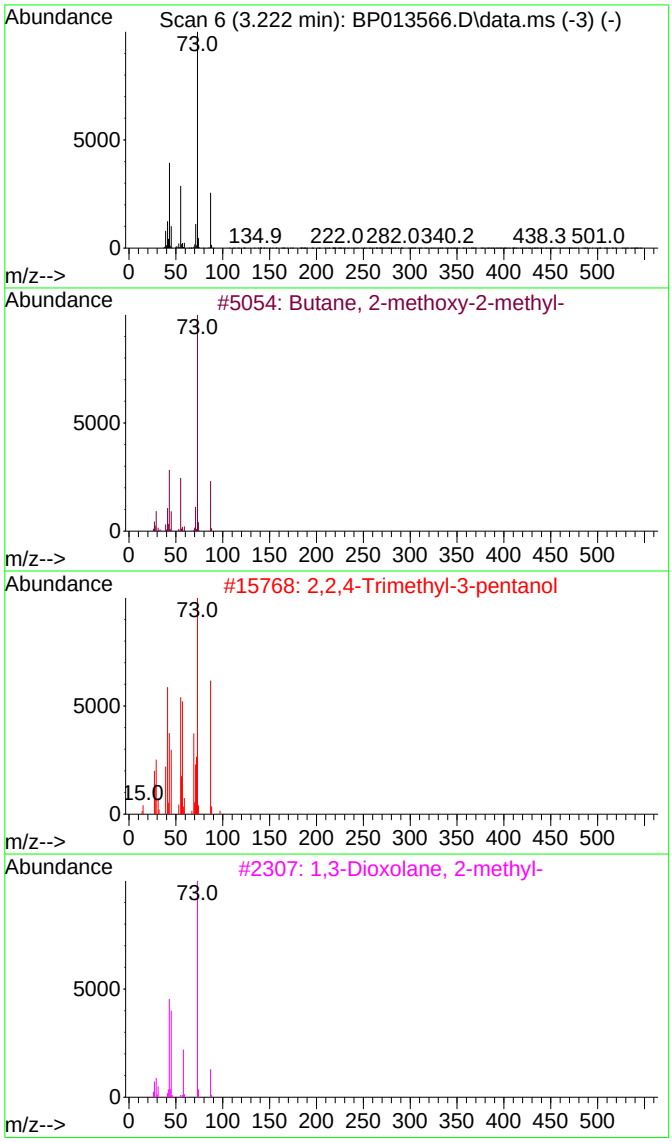
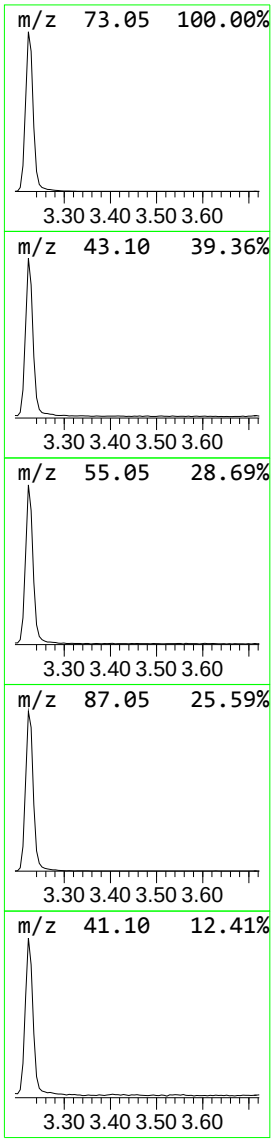
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.222	24.08 ng	1732290	1,4-Dichlorobenzene-d4	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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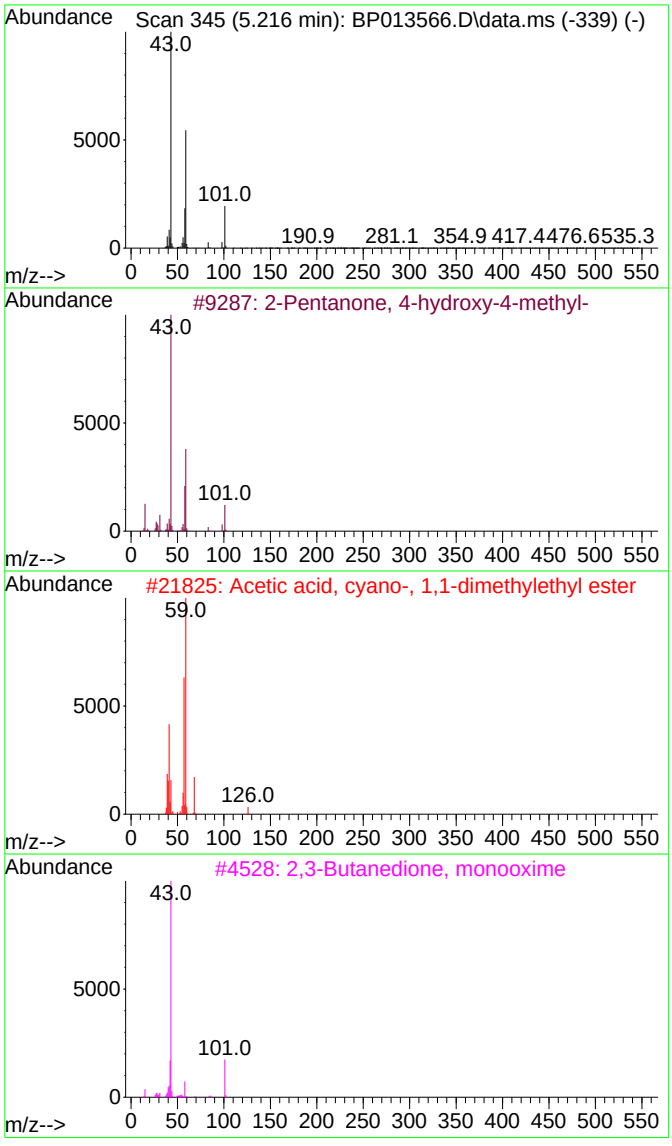
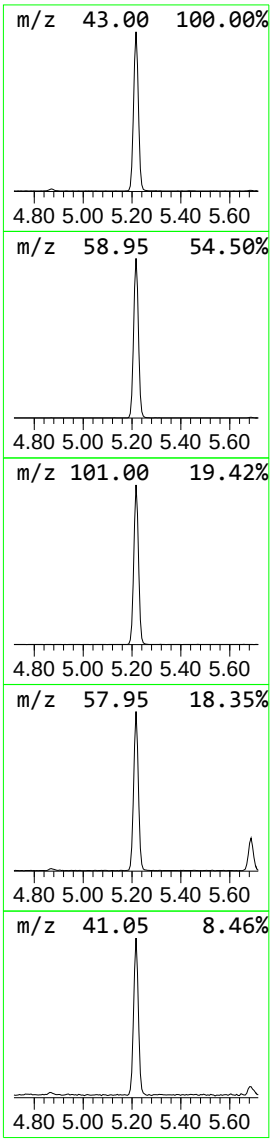
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.216	25.99 ng	1869100	1,4-Dichlorobenzene-d4	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Operator : CG/JU
Sample : 01232-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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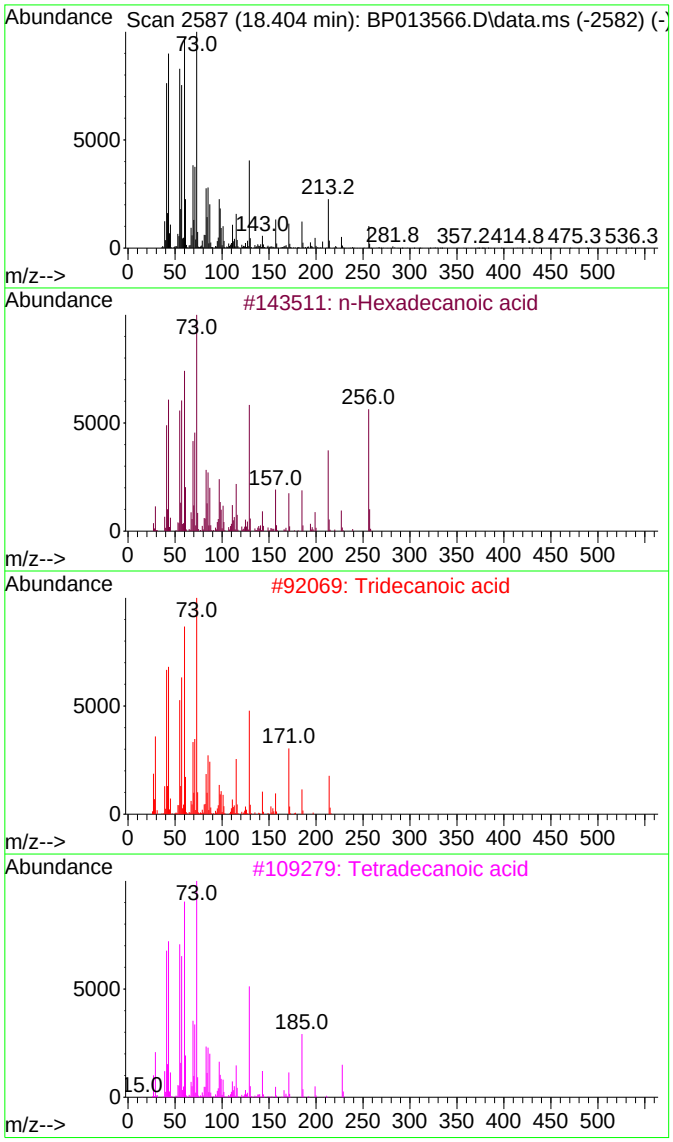
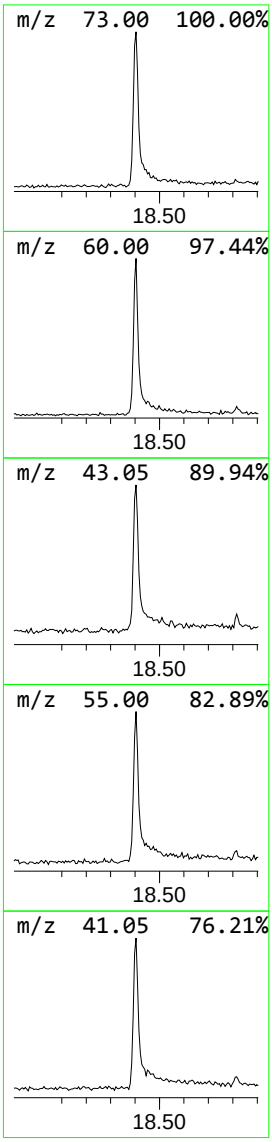
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.404	4.29 ng	519899	Phenanthrene-d10	17.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
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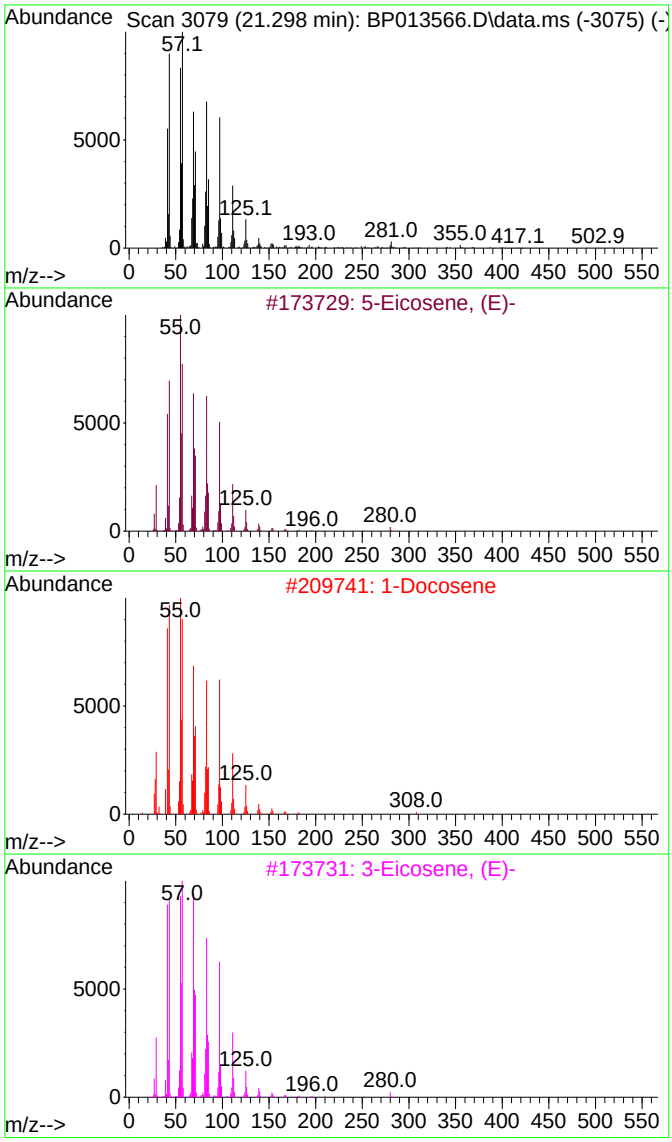
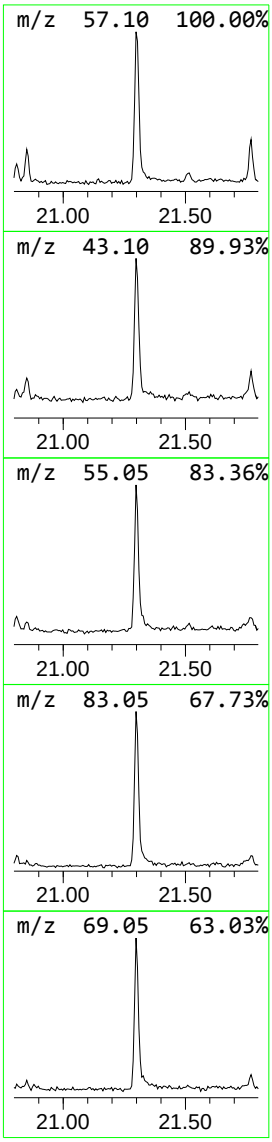
Peak Number 4 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.298	3.52 ng	462170	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	1-Docosene	308	C22H44	001599-67-3	95
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.222	24.1	ng	1732290	1	8.157	1438510	20.0
2-Pentanone, 4-...	5.216	26.0	ng	1869100	1	8.157	1438510	20.0
n-Hexadecanoic ...	18.404	4.3	ng	519899	4	17.545	2422750	20.0
5-Eicosene, (E)-	21.298	3.5	ng	462170	5	21.621	2622540	20.0