LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025493.D
Acq On : 20 Aug 2025 03:51
Operator : CG/JU
Sample : Q2871-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DRILL CUTTING 4-6 COMP

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025493.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.037	13	17	29	rVB	868128	1118418	17.16%	3.226%
2	4.943	335	341	351	rBV	174140	259319	3.98%	0.748%
3	5.408	413	420	436	rBV	1711583	2543841	39.03%	7.337%
4	6.966	676	685	702	rBV	1613477	2658621	40.79%	7.669%
5	7.790	818	825	833	rBV	500545	815778	12.52%	2.353%
6	8.931	1011	1019	1036	rBV	1010096	1772184	27.19%	5.112%
7	10.554	1288	1295	1310	rBV	645326	1113604	17.09%	3.212%
8	13.013	1705	1713	1736	rBV	2689691	3952077	60.64%	11.399%
9	14.401	1941	1949	1957	rBV	975246	1516463	23.27%	4.374%
10	15.778	2177	2183	2193	rBV	306932	438578	6.73%	1.265%
11	15.913	2199	2206	2226	rBV	2428116	3537031	54.27%	10.202%
12	16.360	2272	2282	2288	rBV	56941	77364	1.19%	0.223%
13	17.201	2417	2425	2437	rBV	1211090	1963624	30.13%	5.664%
14	18.142	2580	2585	2596	rBV	384059	581293	8.92%	1.677%
15	19.336	2782	2788	2793	rBV	33134	67292	1.03%	0.194%
16	19.466	2807	2810	2817	rBV	88088	127778	1.96%	0.369%
17	19.919	2881	2887	2892	rBV	5216843	6517281	100.00%	18.798%
18	21.313	3119	3124	3134	rBV2	306766	644096	9.88%	1.858%
19	21.648	3174	3181	3188	rBV	1476928	2430581	37.29%	7.011%
20	25.007	3743	3752	3765	rVB2	899489	2533973	38.88%	7.309%

Sum of corrected areas: 34669196

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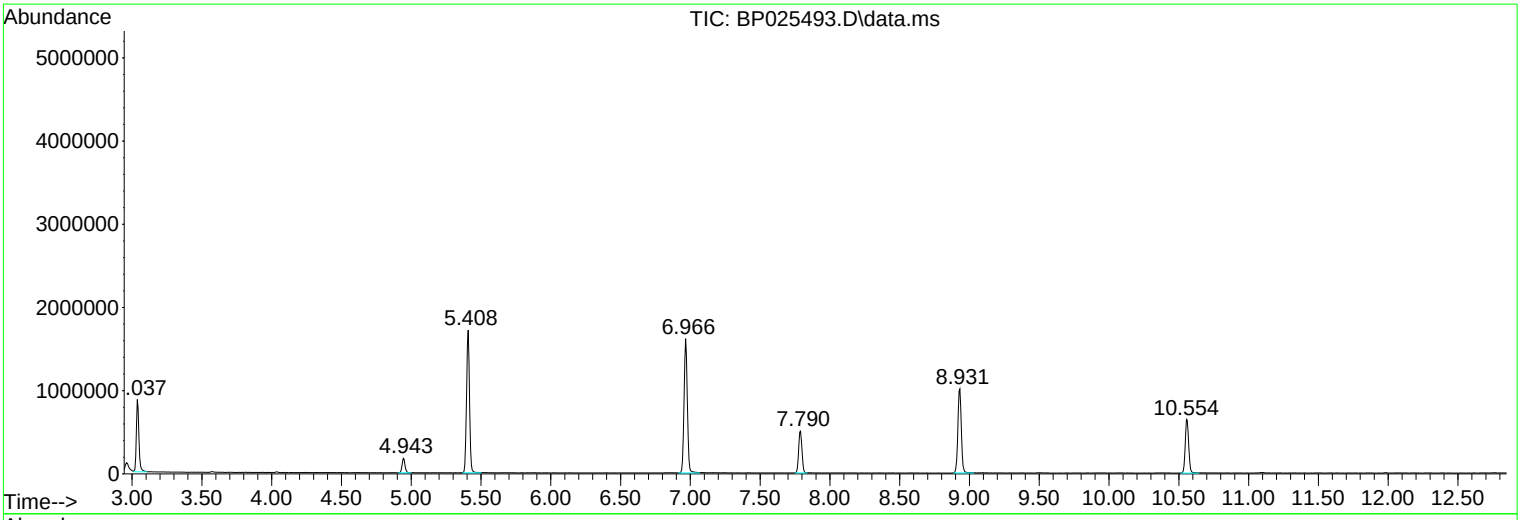
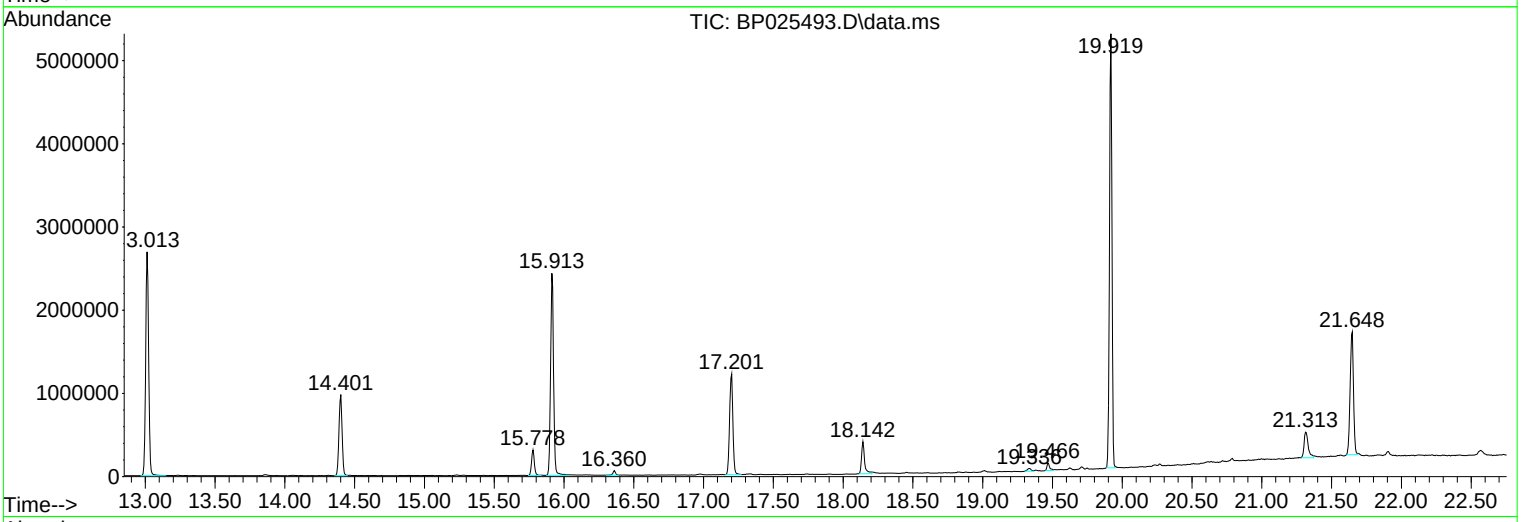
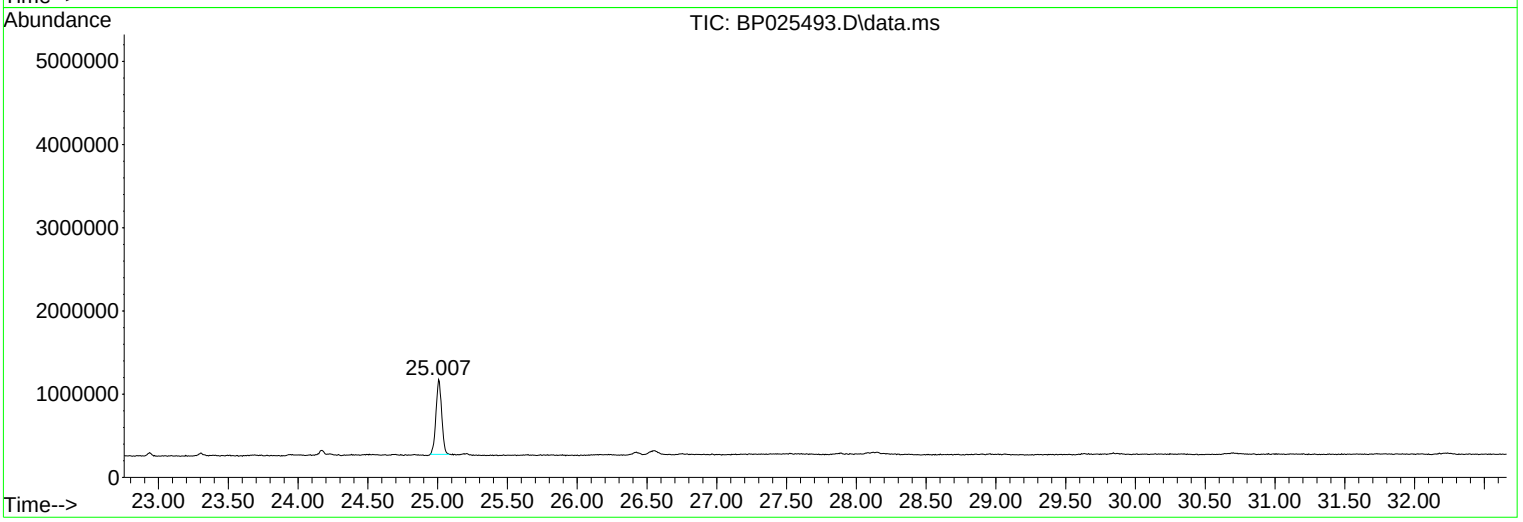
DRILL CUTTING 4-6 COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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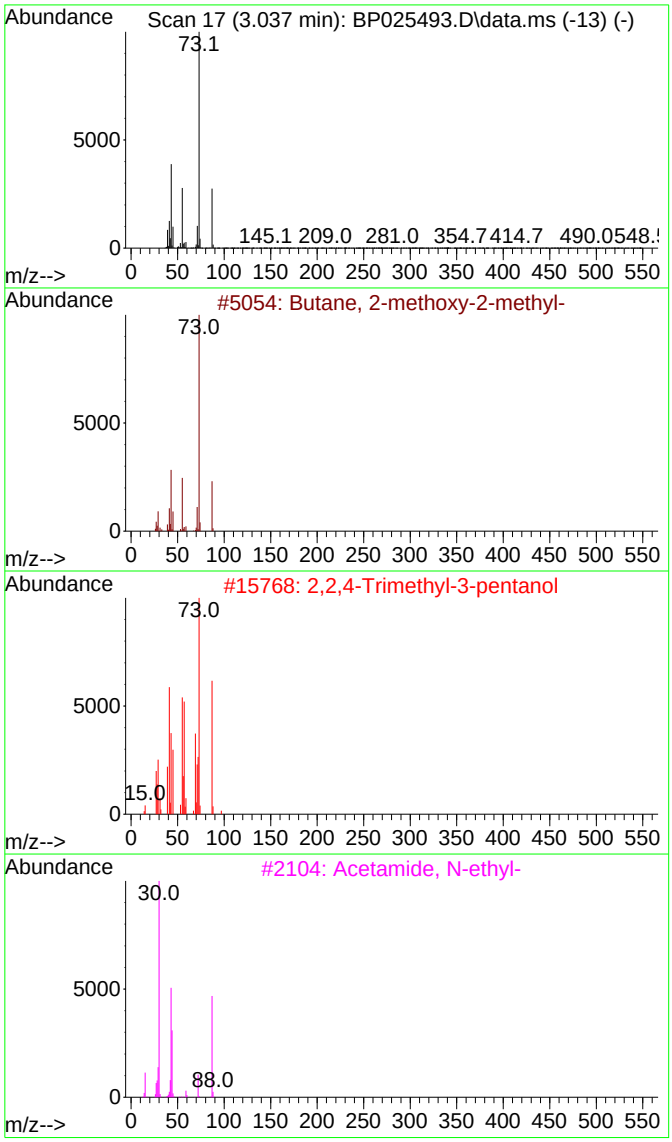
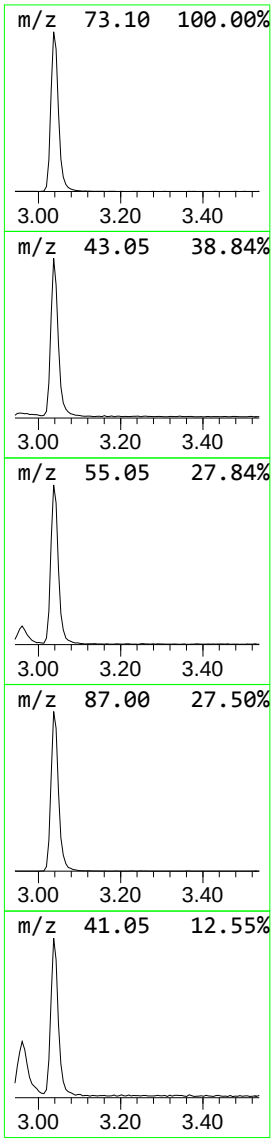
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	27.42 ng	1118420	1,4-Dichlorobenzene-d4	7.790

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	40
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	16
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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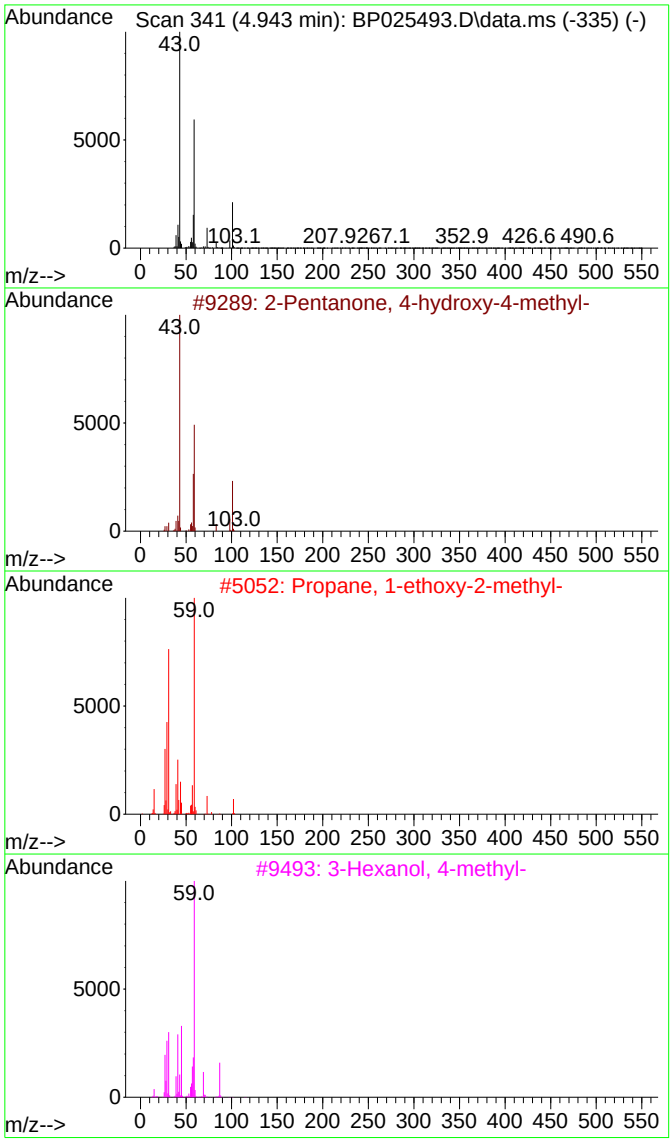
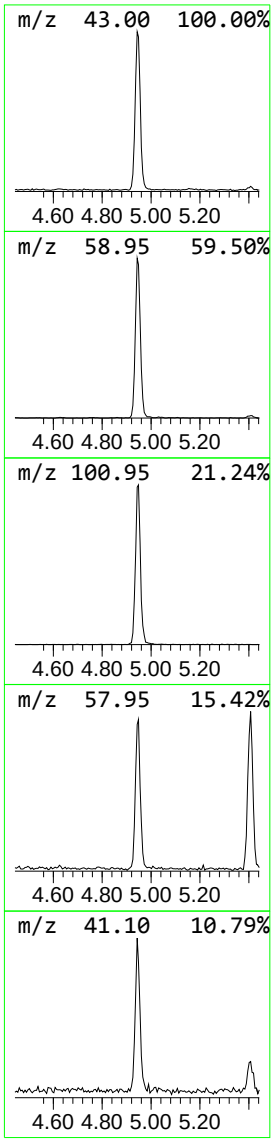
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.943	6.36 ng	259319	1,4-Dichlorobenzene-d4	7.790

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	23
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	17
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12





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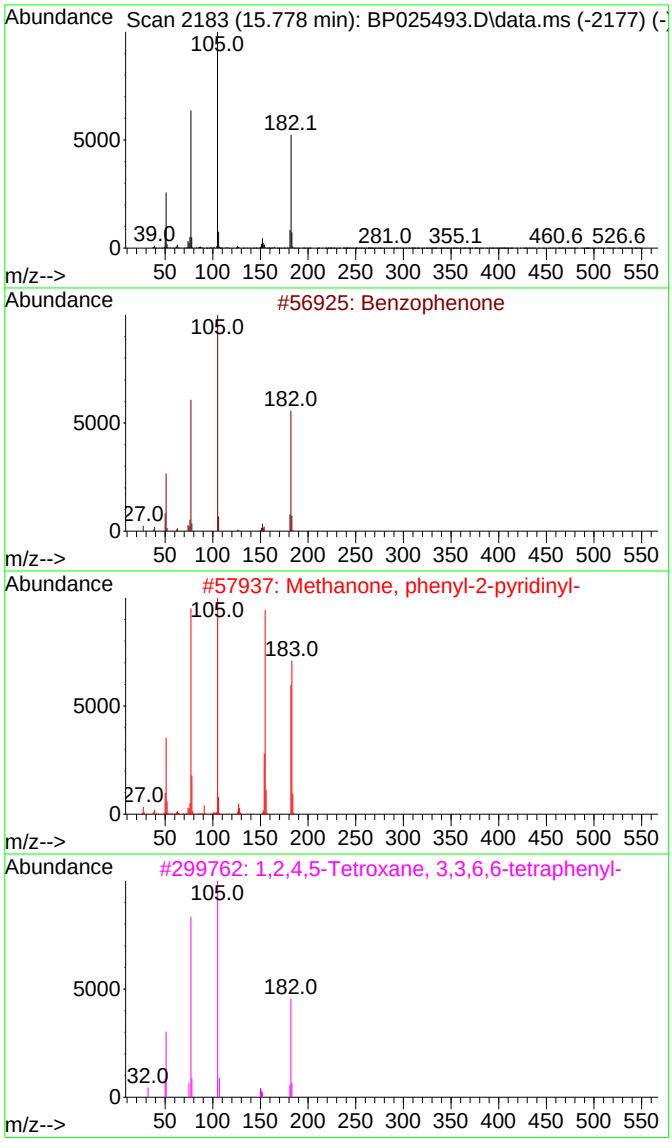
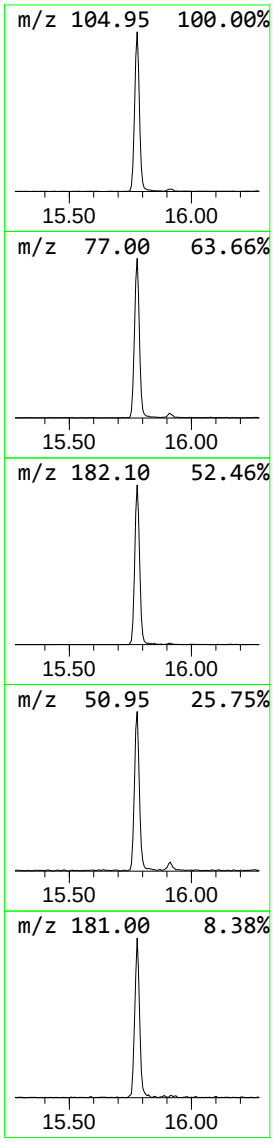
Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.778	5.78 ng	438578	Acenaphthene-d10	14.401

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	72
3	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
4	Azobenzene	182	C12H10N2	000103-33-3	59
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	56





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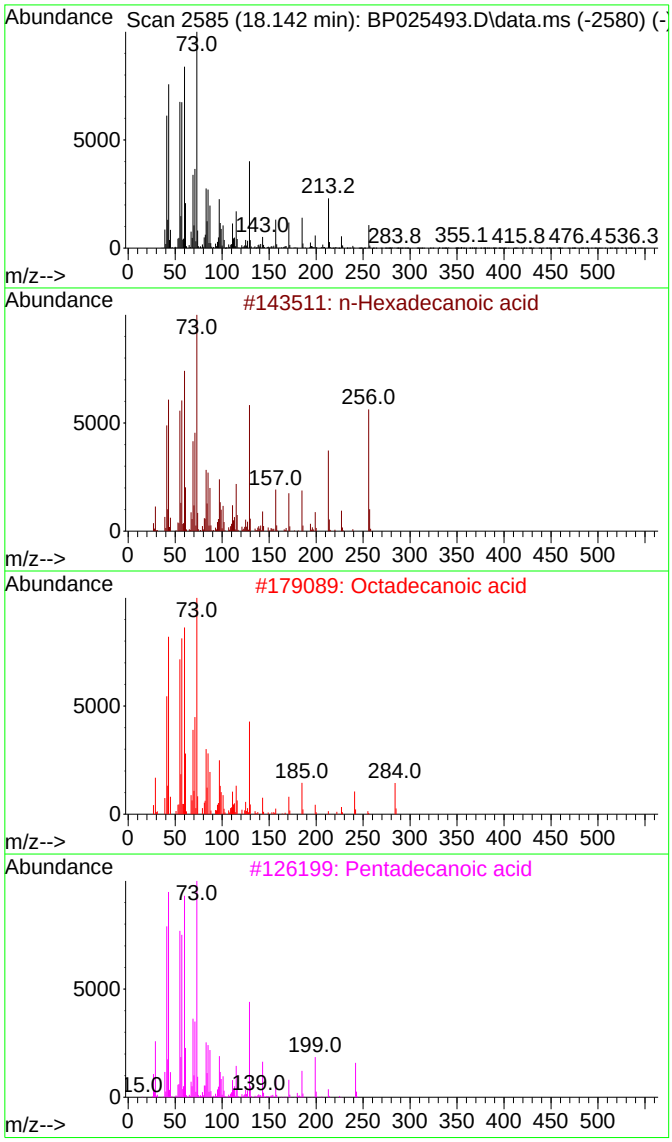
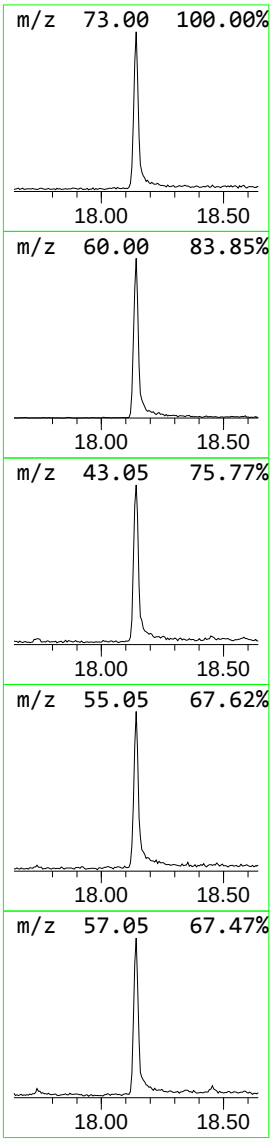
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.142	5.92 ng	581293	Phenanthrene-d10	17.201

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	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80





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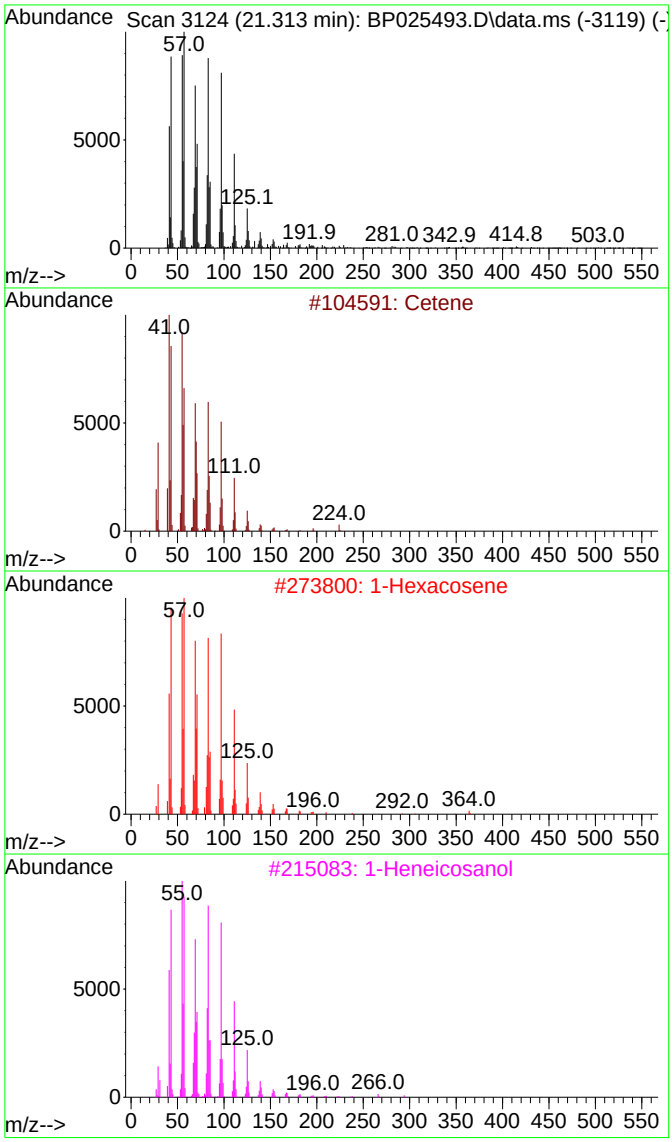
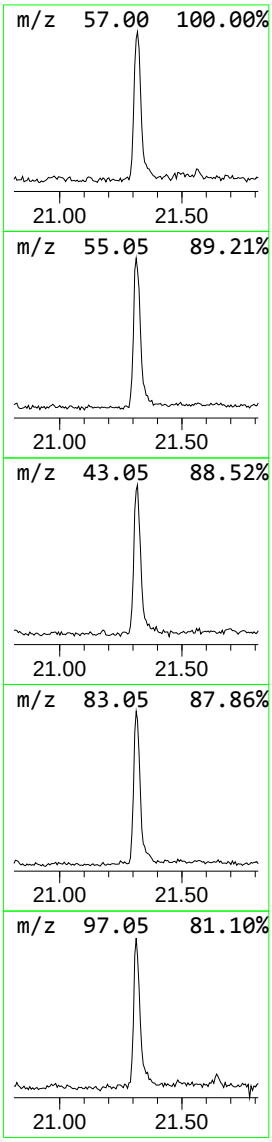
Peak Number 5 Cetene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.313	5.30 ng	644096	Chrysene-d12	21.648

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	96
2	1-Hexacosene	364	C26H52	018835-33-1	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.037	27.4	ng	1118420	1	7.790	815778	20.0
2-Pentanone, 4-...	4.943	6.4	ng	259319	1	7.790	815778	20.0
Benzophenone	15.778	5.8	ng	438578	3	14.401	1516460	20.0
n-Hexadecanoic ...	18.142	5.9	ng	581293	4	17.201	1963620	20.0
Cetene	21.313	5.3	ng	644096	5	21.648	2430580	20.0