LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092425\
Data File : BP025843.D
Acq On : 24 Sep 2025 13:18
Operator : CG/JU
Sample : Q3159-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-245

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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025843.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.990	5	9	26	rVB	1055130	1290613	17.37%	3.113%
2	5.349	404	410	428	rBV	1772308	2767842	37.26%	6.676%
3	6.919	670	677	705	rBV	1403976	2822442	38.00%	6.808%
4	7.713	806	812	820	rBV	518997	831425	11.19%	2.005%
5	8.866	1000	1008	1031	rBV	895682	1764691	23.76%	4.256%
6	10.496	1277	1285	1303	rBV	565936	1129292	15.20%	2.724%
7	12.960	1696	1704	1722	rBV	1967959	3930024	52.91%	9.479%
8	14.366	1932	1943	1953	rBV	865163	1658648	22.33%	4.001%
9	15.207	2077	2086	2096	rBV2	82925	167744	2.26%	0.405%
10	15.754	2172	2179	2186	rBV	284197	456256	6.14%	1.100%
11	15.895	2191	2203	2214	rBV	2303384	3686222	49.62%	8.891%
12	17.178	2414	2421	2426	rBV	1411827	2125816	28.62%	5.127%
13	17.219	2426	2428	2435	rVB	141345	191301	2.58%	0.461%
14	18.119	2576	2581	2589	rBV	1714973	2431925	32.74%	5.866%
15	18.178	2589	2591	2597	rVB	146612	202885	2.73%	0.489%
16	19.007	2729	2732	2741	rVB5	68198	109610	1.48%	0.264%
17	19.319	2780	2785	2794	rVB	508914	685294	9.23%	1.653%
18	19.448	2802	2807	2814	rBV	399517	586016	7.89%	1.413%
19	19.695	2845	2849	2853	rVB	415881	499103	6.72%	1.204%
20	19.907	2878	2885	2898	rBV	4783769	7428352	100.00%	17.917%
21	20.213	2933	2937	2941	rBV2	122959	157139	2.12%	0.379%
22	20.366	2961	2963	2969	rBV2	55356	84605	1.14%	0.204%
23	21.283	3115	3119	3128	rVB2	622098	1129525	15.21%	2.724%
24	21.636	3172	3179	3184	rBV	1565366	2687819	36.18%	6.483%
25	25.018	3744	3754	3763	rBV2	829186	2635024	35.47%	6.356%

Sum of corrected areas: 41459613

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ClientSampleId :
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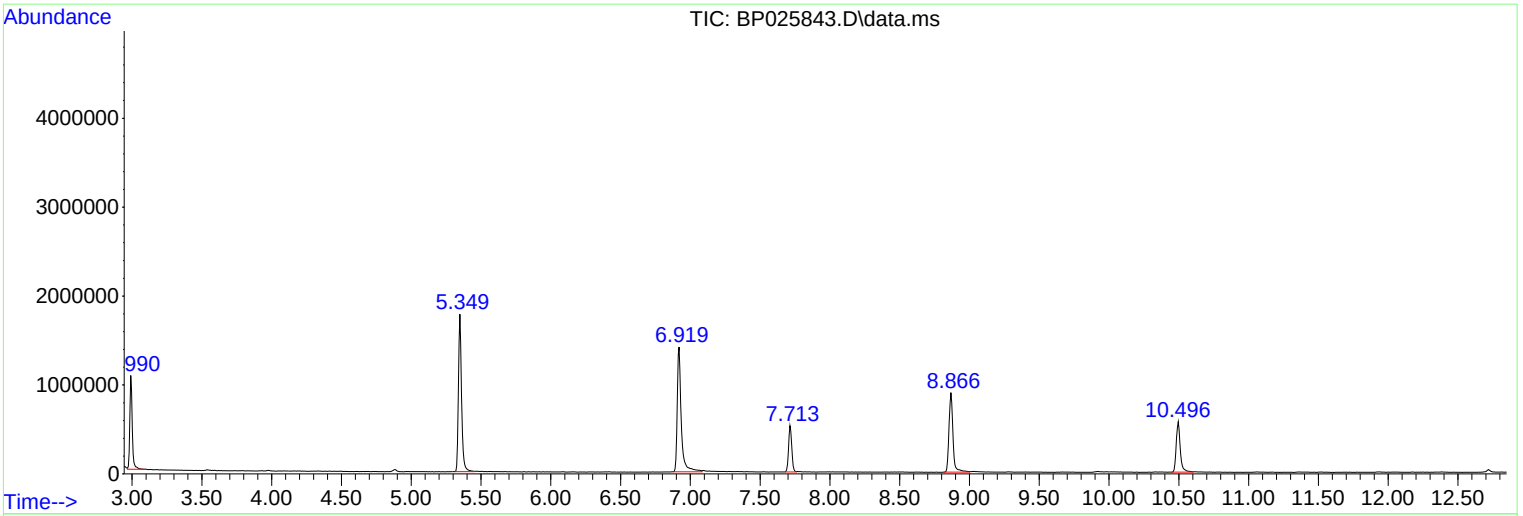
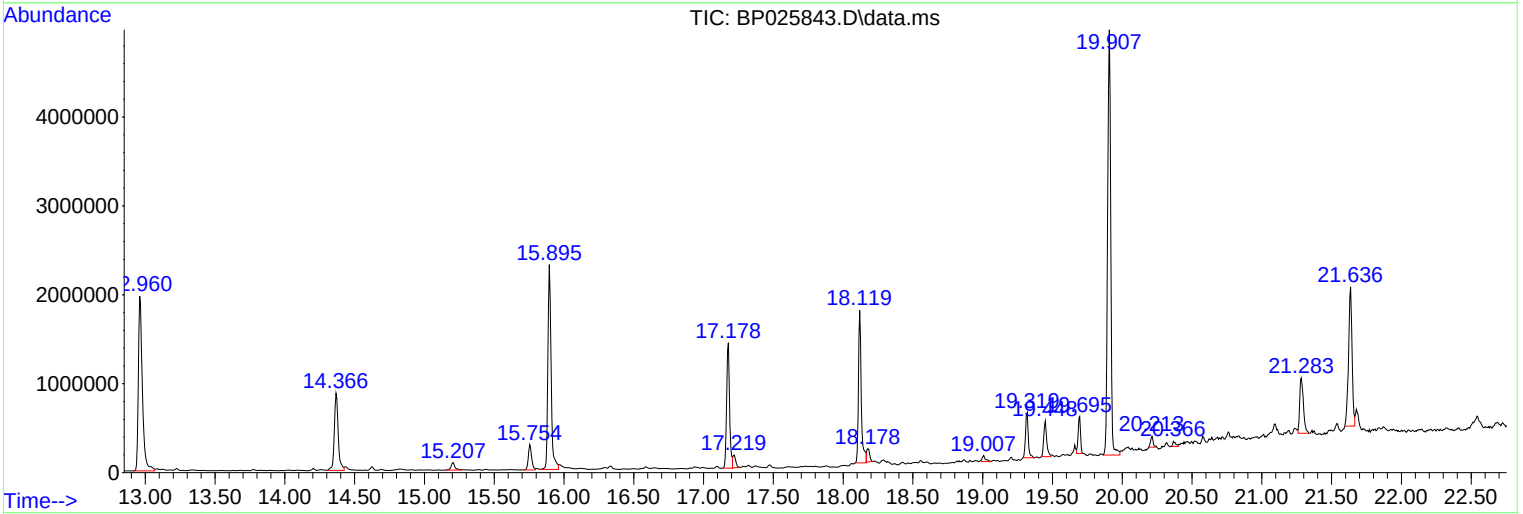
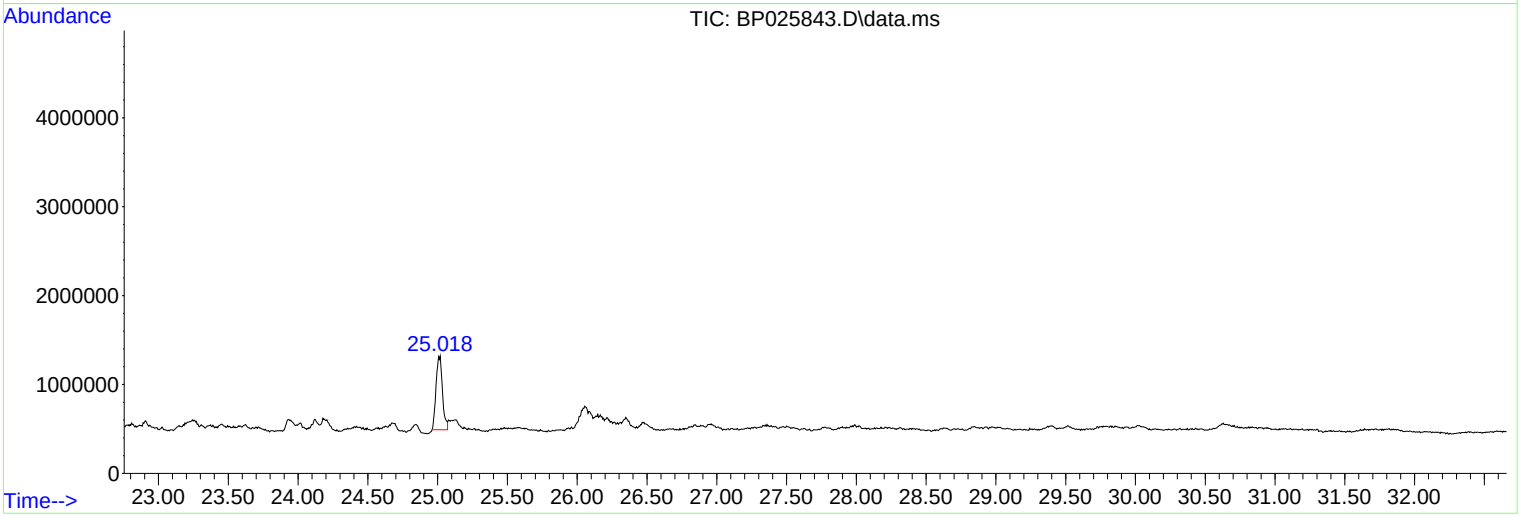
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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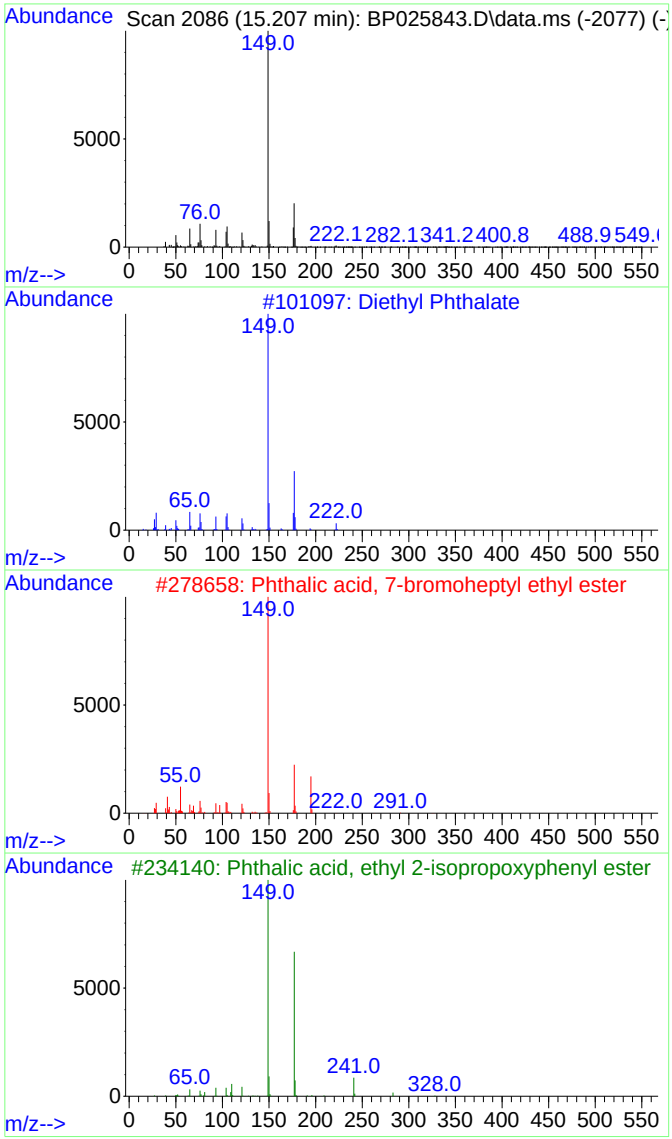
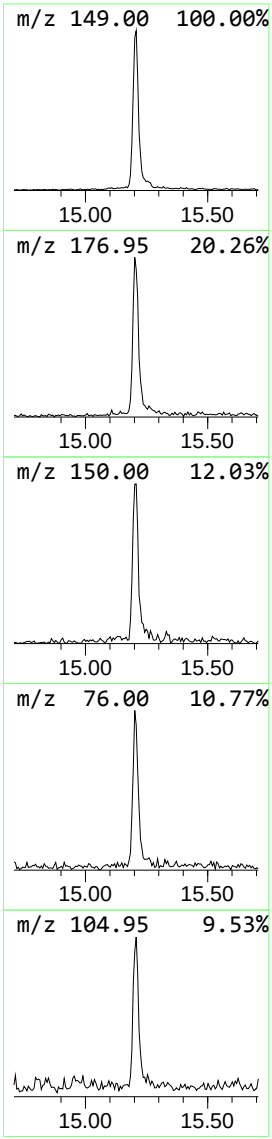
Peak Number 2 Diethyl Phthalate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.207	2.02 ng	167744	Acenaphthene-d10	14.366

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl Phthalate	222	C12H14O4	000084-66-2	94
2	Phthalic acid, 7-bromoheptyl eth...	370	C17H23BrO4	1000415-51-6	78
3	Phthalic acid, ethyl 2-isopropox...	328	C19H20O5	1000309-82-8	72
4	Phthalic acid, cyclobutyl ethyl ...	248	C14H16O4	1000315-41-1	72
5	Phthalic acid, ethyl phenyl ester	270	C16H14O4	1000314-86-8	72





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Instrument :
BNA_P
ClientSampleId :
VNJ-245

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
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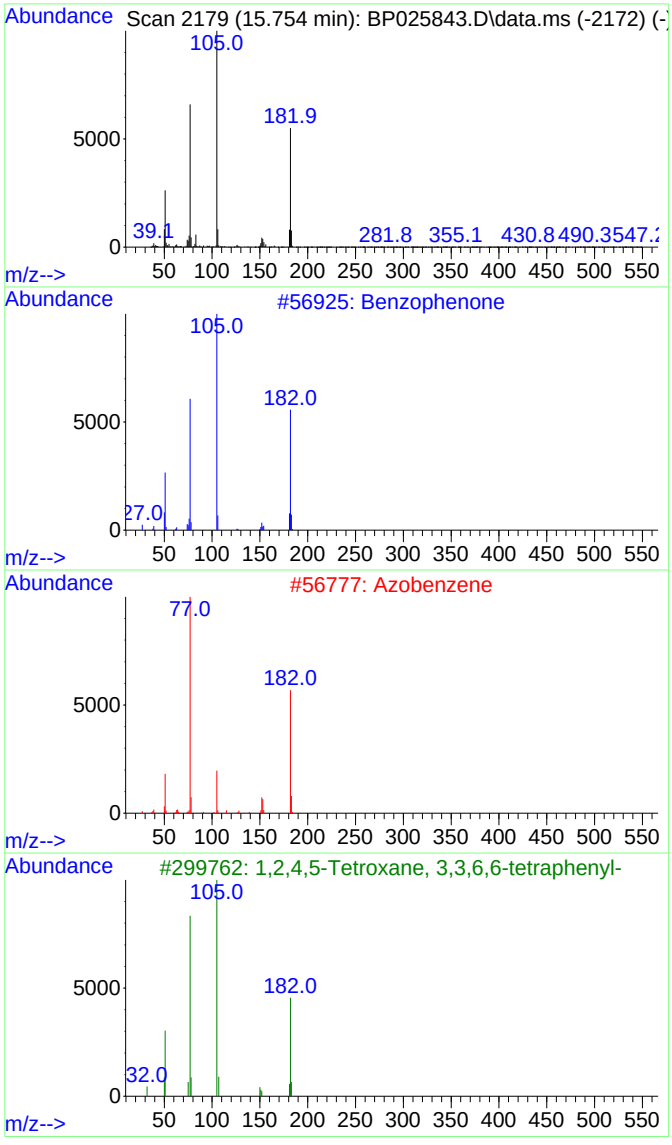
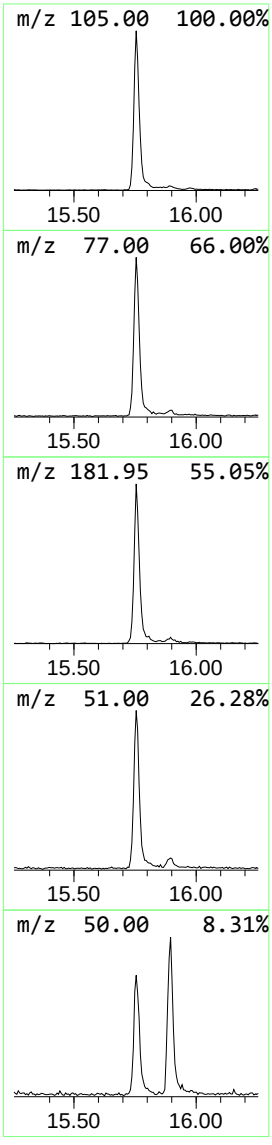
Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.754	5.50 ng	456256	Acenaphthene-d10	14.366

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	72
3	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
5	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45





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BNA_P
ClientSampleId :
VNJ-245

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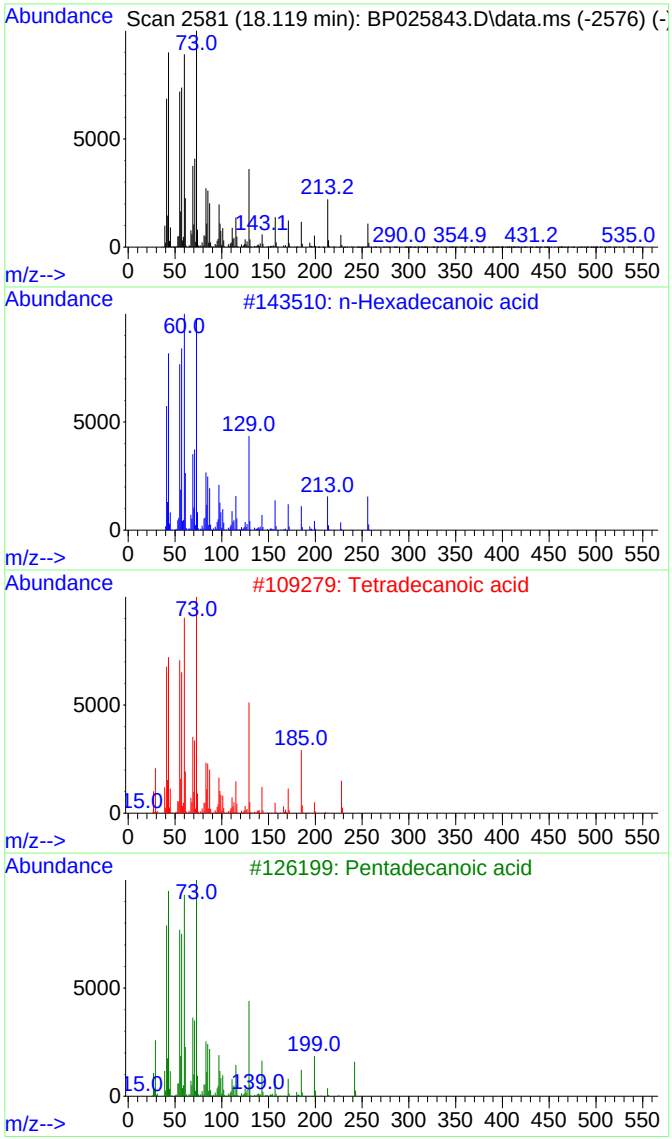
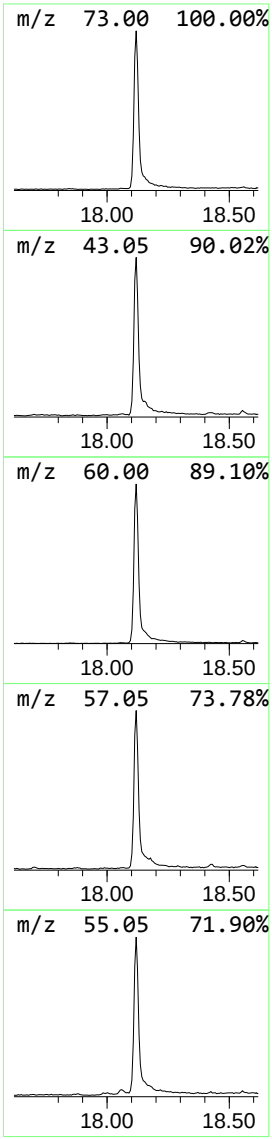
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.119	22.88 ng	2431930	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





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Instrument :
BNA_P
ClientSampleId :
VNJ-245

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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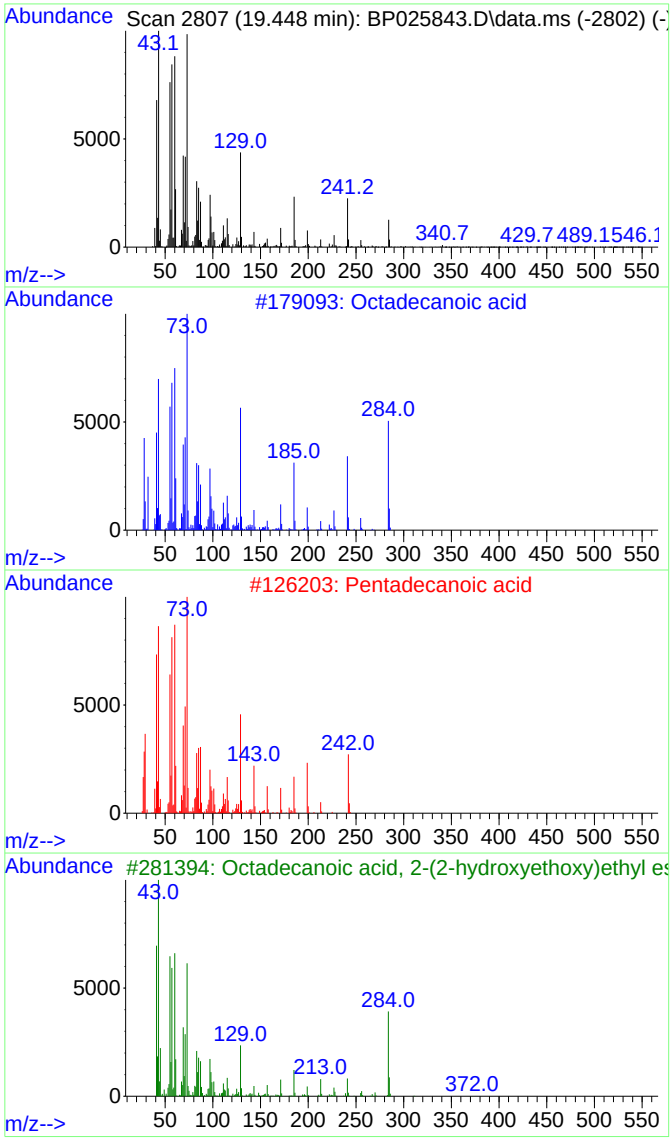
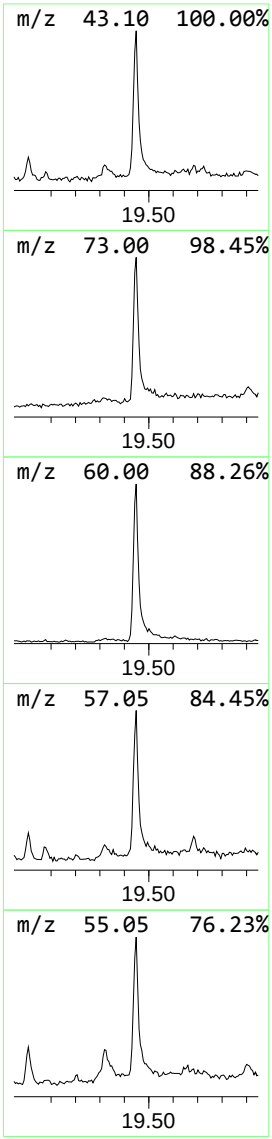
Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.448	4.36 ng	586016	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83





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Misc :
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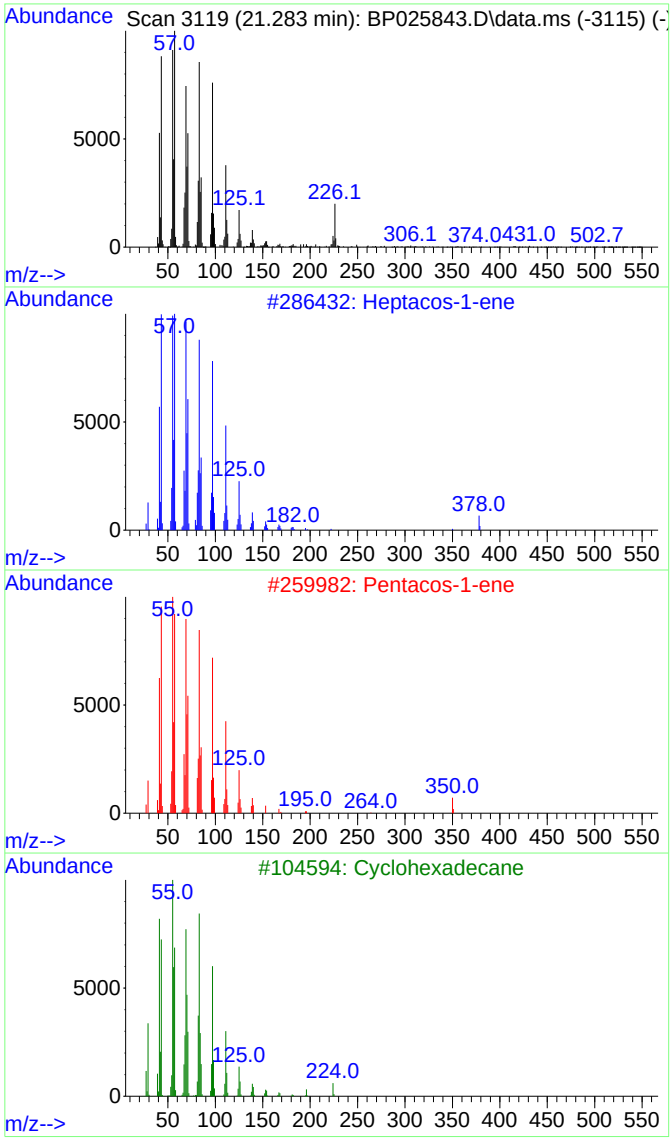
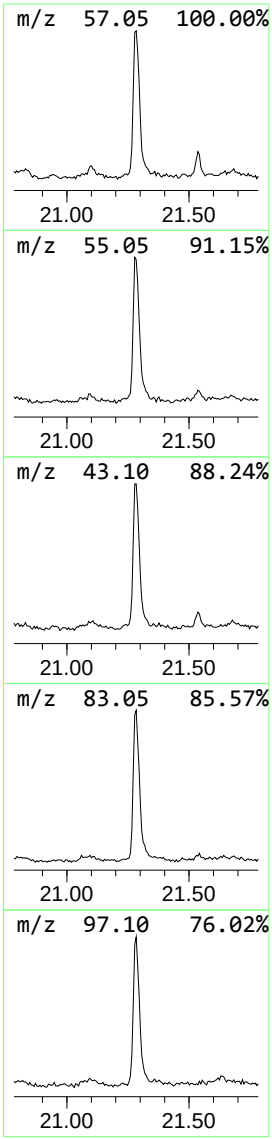
Peak Number 6 Heptacos-1-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.283	8.40 ng	1129530	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacos-1-ene	378	C27H54	015306-27-1	96
2	Pentacos-1-ene	350	C25H50	016980-85-1	95
3	Cyclohexadecane	224	C16H32	000295-65-8	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Diethyl Phthalate	15.207	2.0	ng	167744	3	14.366	1658650	20.0
Benzophenone	15.754	5.5	ng	456256	3	14.366	1658650	20.0
n-Hexadecanoic ...	18.119	22.9	ng	2431930	4	17.178	2125820	20.0
Octadecanoic acid	19.448	4.4	ng	586016	5	21.636	2687820	20.0
Heptacos-1-ene	21.283	8.4	ng	1129530	5	21.636	2687820	20.0