LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
Data File : BP013451.D
Acq On : 11 Jan 2023 19:20
Operator : CG/JU
Sample : 01064-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S-14-01

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-BP121322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP013451.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	304	310	318	rVB	1471898	2153136	8.03%	1.183%
2	5.475	381	389	405	rBV	8730672	13410753	50.03%	7.369%
3	7.087	654	663	679	rBV	9218064	14559138	54.31%	8.000%
4	7.216	679	685	693	rVB	158724	278301	1.04%	0.153%
5	7.922	797	805	811	rBV	2165881	3407908	12.71%	1.873%
6	7.987	811	816	831	rVV	248665	608466	2.27%	0.334%
7	9.092	996	1004	1014	rBV	5457902	8947384	33.38%	4.917%
8	10.734	1274	1283	1290	rBV	3098706	5086738	18.98%	2.795%
9	13.186	1691	1700	1708	rBV	13292120	20484633	76.42%	11.256%
10	14.416	1904	1909	1913	rBV	178562	329846	1.23%	0.181%
11	14.569	1929	1935	1942	rVB	5038836	7223416	26.95%	3.969%
12	15.927	2161	2166	2176	rVB	953652	1288337	4.81%	0.708%
13	16.063	2182	2189	2198	rBV	14346104	20547761	76.65%	11.291%
14	17.327	2398	2404	2409	rBV	6521929	9200653	34.32%	5.056%
15	17.368	2409	2411	2415	rVB	422302	454475	1.70%	0.250%
16	18.086	2529	2533	2539	rBV3	161216	300753	1.12%	0.165%
17	18.198	2547	2552	2561	rBV	6001791	9369092	34.95%	5.148%
18	19.333	2739	2745	2751	rBV2	1101919	2563174	9.56%	1.408%
19	19.433	2757	2762	2772	rBV	8357908	12055788	44.97%	6.625%
20	19.686	2802	2805	2812	rVB	857480	1272767	4.75%	0.699%
21	19.880	2833	2838	2843	rBV	21685450	26806250	100.00%	14.730%
22	20.504	2942	2944	2948	rVB2	683837	672322	2.51%	0.369%
23	21.104	3043	3046	3056	rVB	3547318	4449119	16.60%	2.445%
24	21.415	3094	3099	3103	rBV	6672674	8823126	32.91%	4.848%
25	23.880	3514	3518	3529	rVB2	3865115	7687316	28.68%	4.224%

Sum of corrected areas: 181980652

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ClientSampleId :
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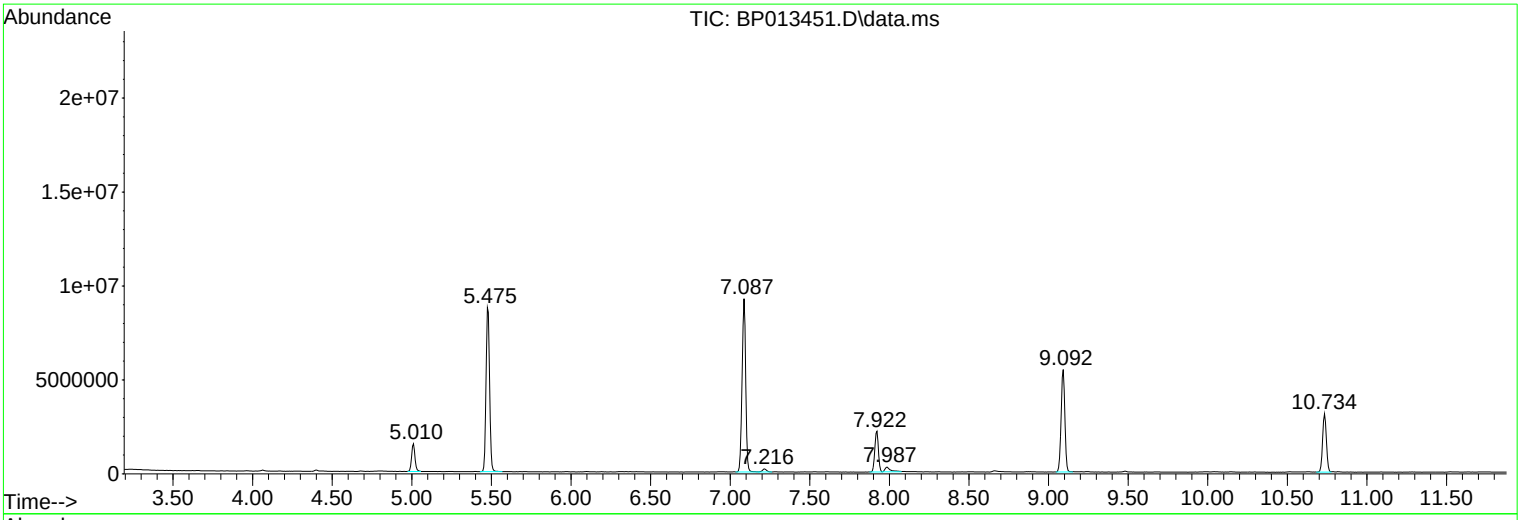
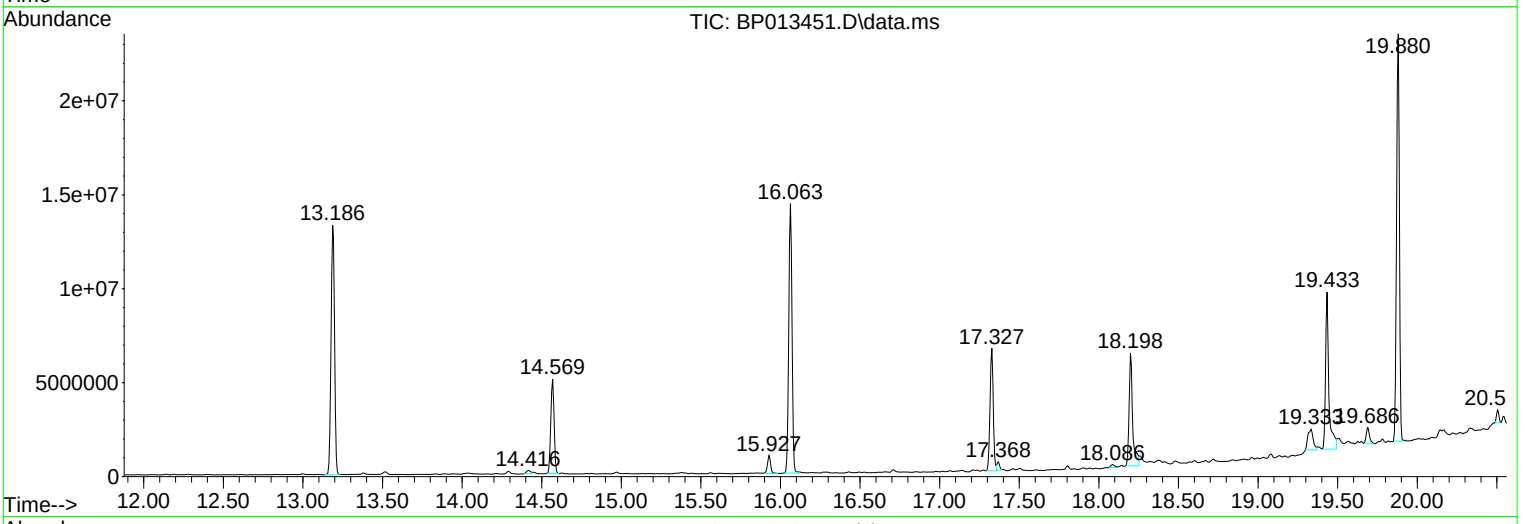
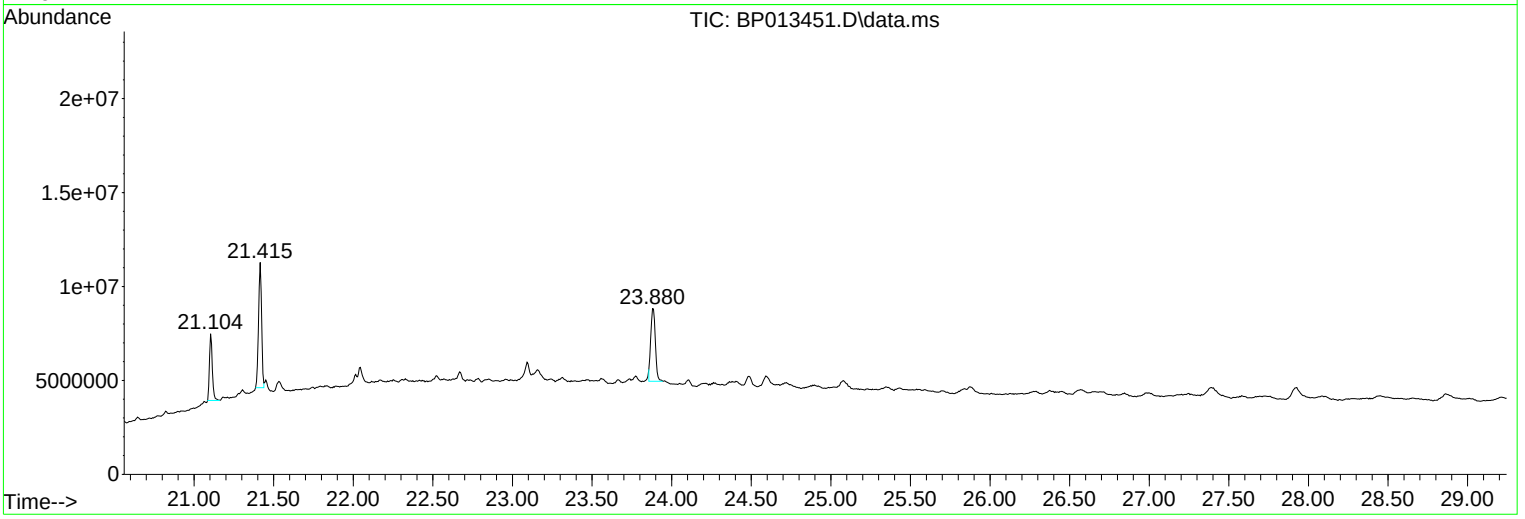
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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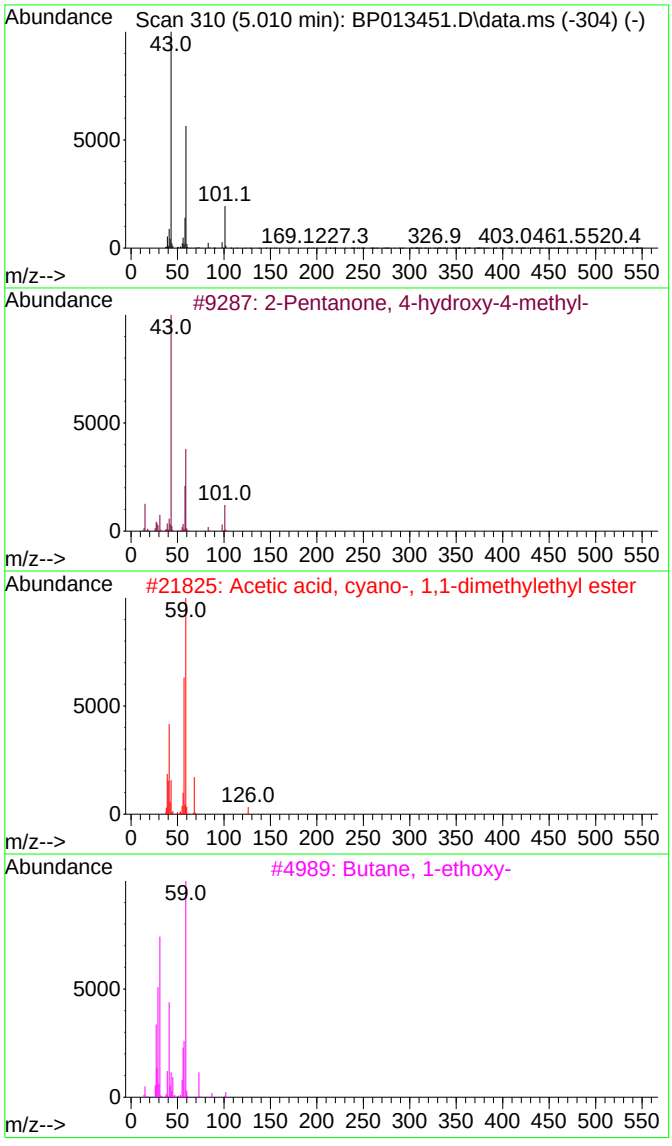
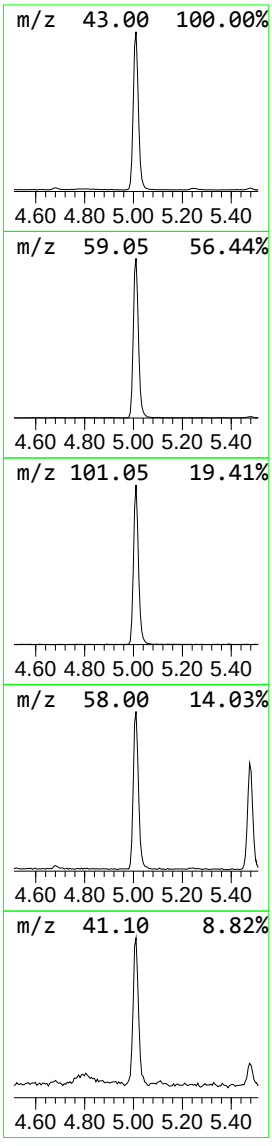
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.010	12.64 ng	2153140	1,4-Dichlorobenzene-d4	7.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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TIC Library : C:\Database\NIST20.L
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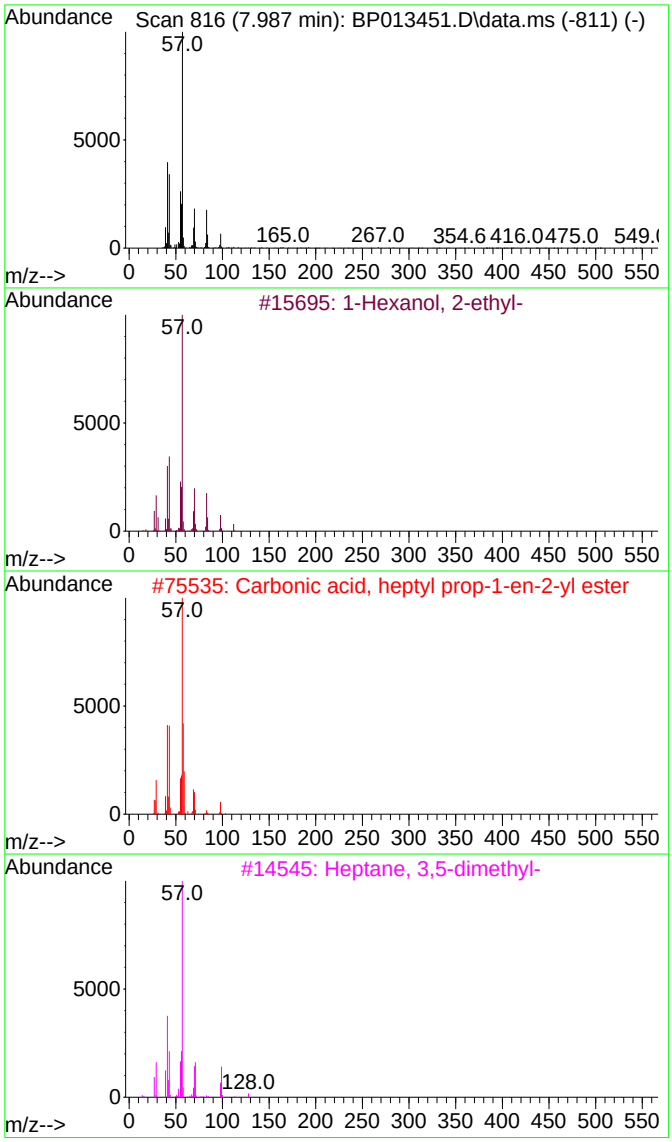
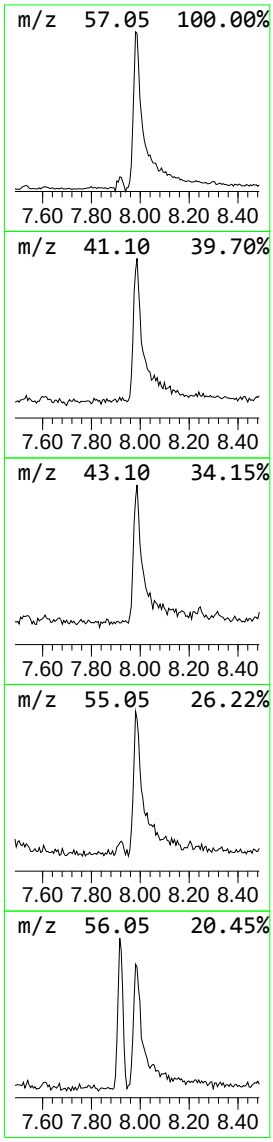
Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.987	3.57 ng	608466	1,4-Dichlorobenzene-d4	7.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	Carbonic acid, heptyl prop-1-en-...	200	C11H20O3	1000382-54-1	59
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	50
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
5	Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	45





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
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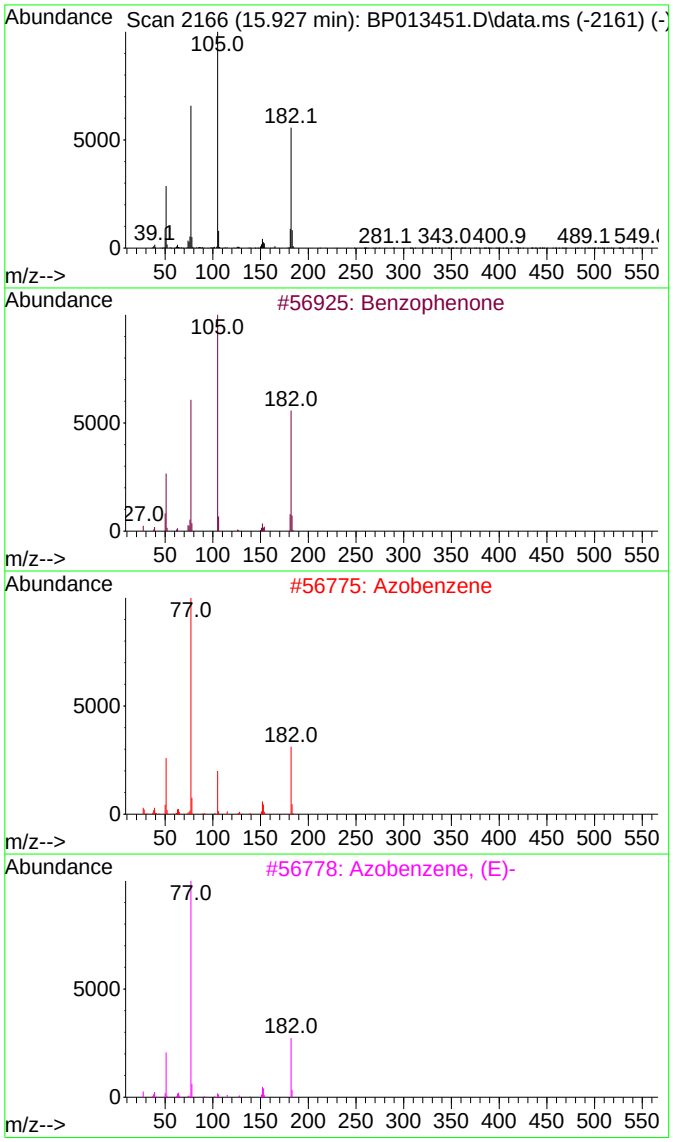
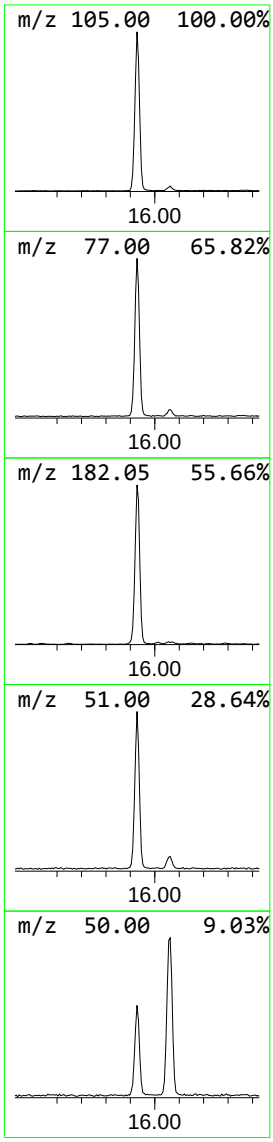
Peak Number 3 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.927	3.57 ng	1288340	Acenaphthene-d10	14.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	59
3	Azobenzene, (E)-	182	C12H10N2	017082-12-1	50
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
5	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	40





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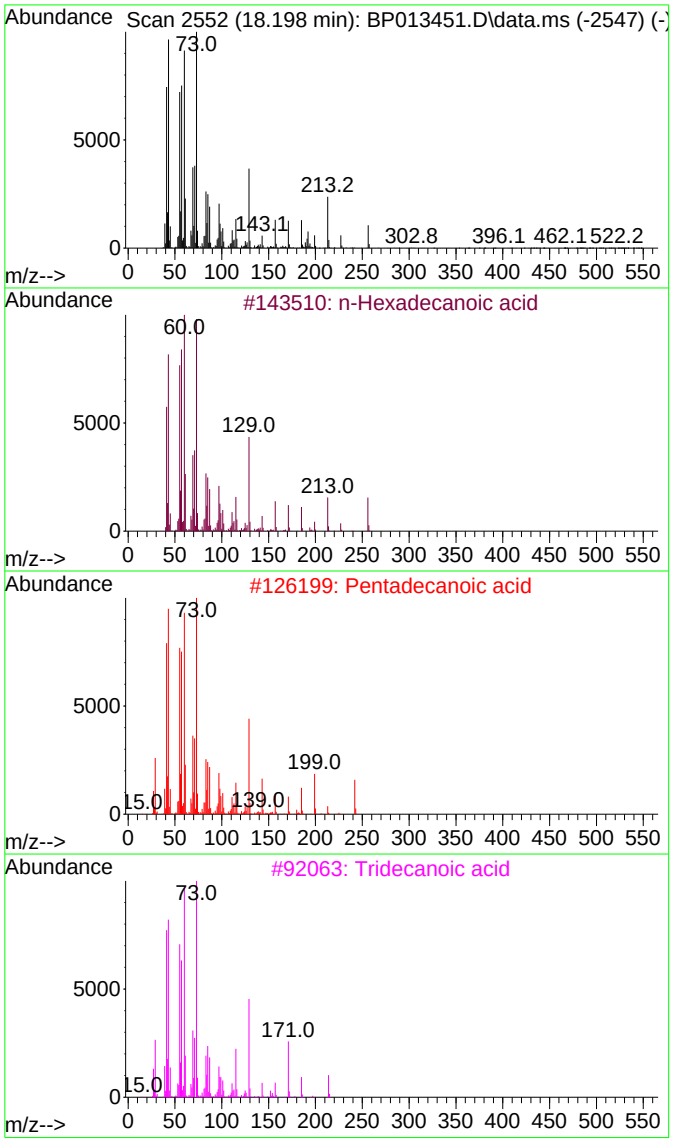
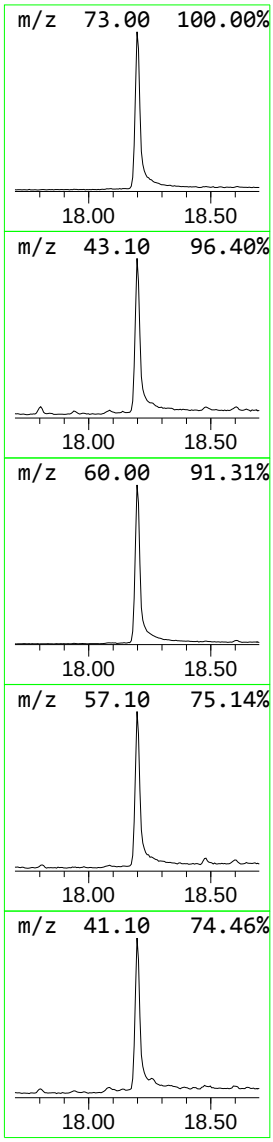
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	20.37 ng	9369090	Phenanthrene-d10	17.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	60





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Instrument :
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ClientSampleId :
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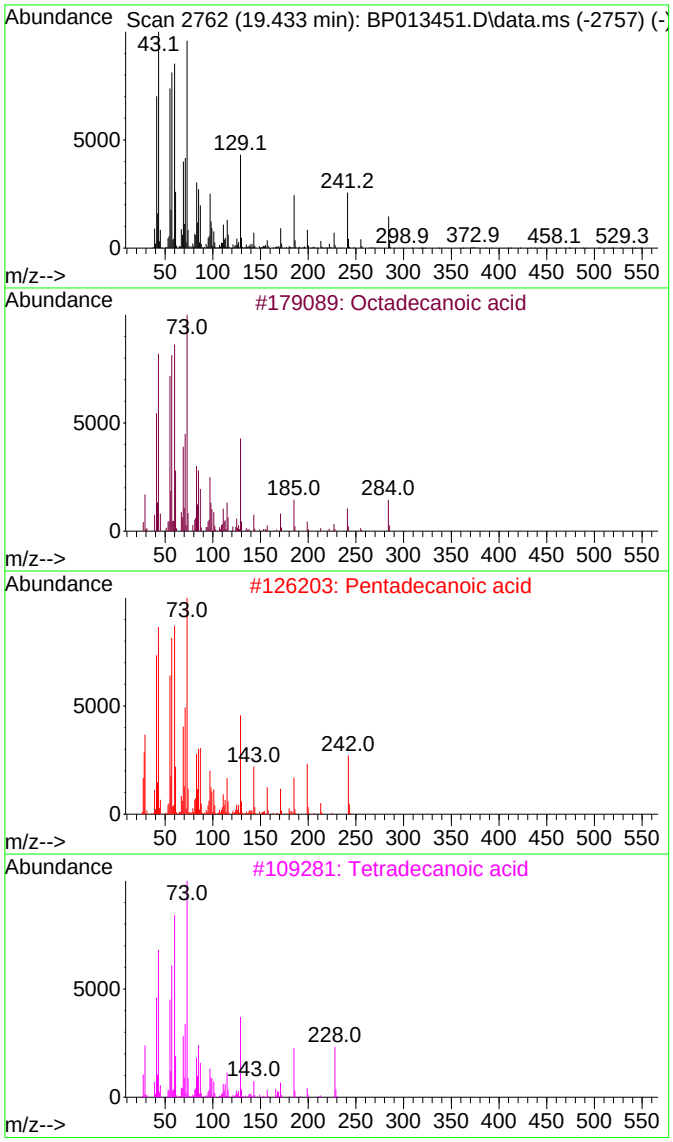
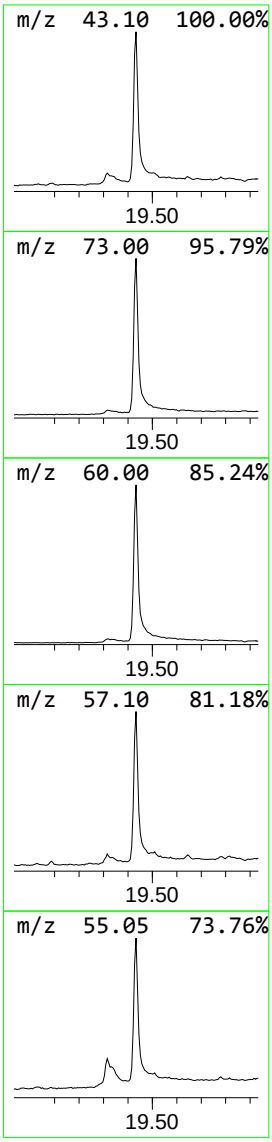
****

Peak Number 6 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.433	27.33 ng	12055800	Chrysene-d12	21.415

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





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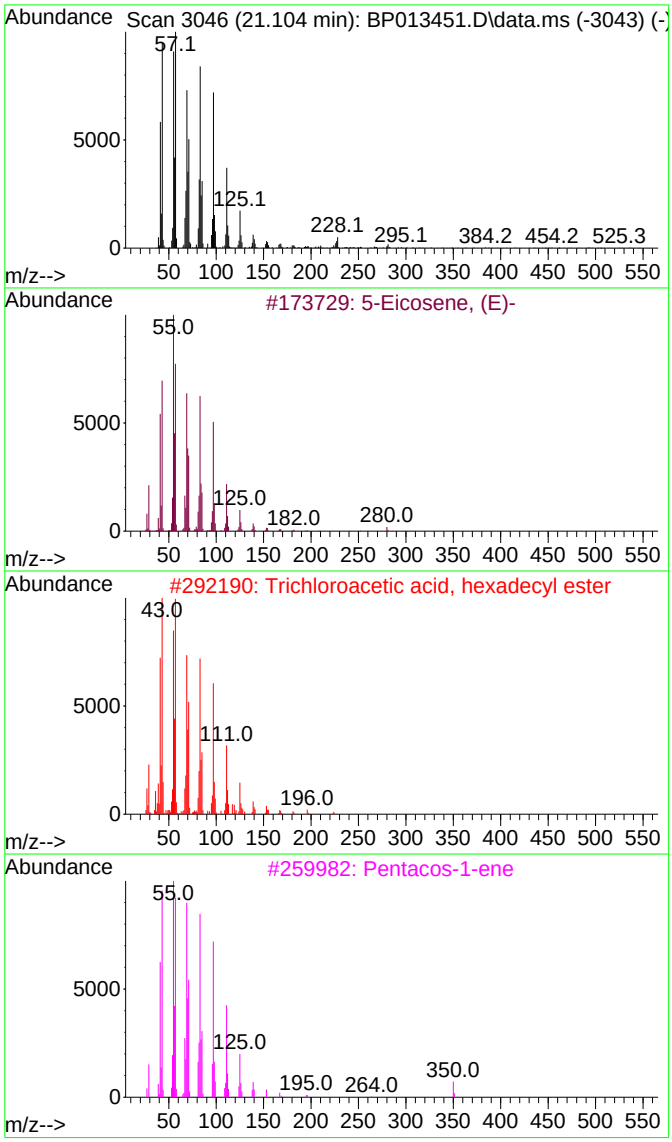
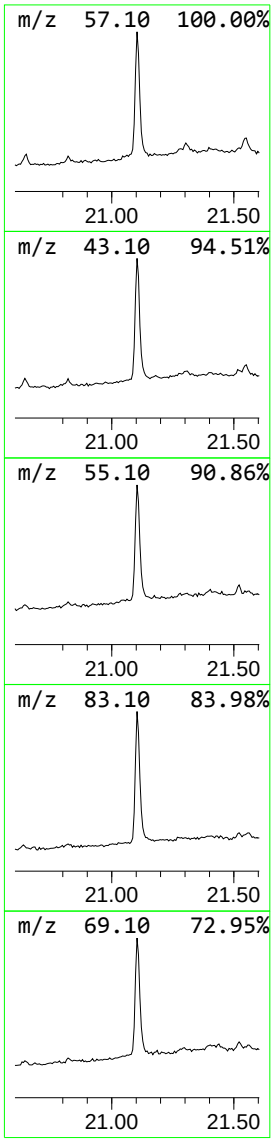
****

Peak Number 7 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.104	10.09 ng	4449120	Chrysene-d12	21.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Pentacos-1-ene	350	C25H50	016980-85-1	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	1-Hexacosene	364	C26H52	018835-33-1	94





Tentatively Identified Compound (LSC) summary

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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
2-Pentanone, 4-...	5.010	12.6	ng	2153140	1	7.922	3407910	20.0
1-Hexanol, 2-et...	7.987	3.6	ng	608466	1	7.922	3407910	20.0
Benzophenone	15.927	3.6	ng	1288340	3	14.569	7223420	20.0
n-Hexadecanoic ...	18.198	20.4	ng	9369090	4	17.327	9200650	20.0
Octadecanoic acid	19.433	27.3	ng	12055800	5	21.415	8823130	20.0
5-Eicosene, (E)-	21.104	10.1	ng	4449120	5	21.415	8823130	20.0