LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022825\
Data File : BF141809.D
Acq On : 28 Feb 2025 15:15
Operator : RC/JU
Sample : Q1435-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 286107

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_F\Methods\8270-BF022725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141809.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.187	8	16	23	rVB	6215548	10480576	80.26%	13.999%
2	5.110	503	513	522	rVB2	85629	168652	1.29%	0.225%
3	5.499	572	579	584	rBV	3296387	4367370	33.45%	5.833%
4	6.493	742	748	754	rBV	2242942	2913406	22.31%	3.891%
5	6.887	809	815	820	rBV	1297709	1641617	12.57%	2.193%
6	7.445	903	910	915	rBV	4127046	5790850	44.35%	7.735%
7	8.163	1027	1032	1040	rBV	1731658	2249667	17.23%	3.005%
8	9.245	1209	1216	1221	rBV	7689654	10731359	82.18%	14.334%
9	9.922	1324	1331	1336	rBV	2140950	2704614	20.71%	3.613%
10	10.633	1446	1452	1458	rBV	382200	520289	3.98%	0.695%
11	10.710	1458	1465	1470	rBV	5628083	7597786	58.19%	10.148%
12	11.410	1578	1584	1589	rVB	2238949	2900028	22.21%	3.874%
13	11.933	1666	1673	1676	rBV	449168	720280	5.52%	0.962%
14	11.975	1676	1680	1685	rVB	3124012	4006948	30.69%	5.352%
15	12.722	1801	1807	1818	rBV	196482	334174	2.56%	0.446%
16	12.998	1847	1854	1859	rBV	9309623	13057902	100.00%	17.441%
17	13.892	2001	2006	2023	rVB2	161422	259382	1.99%	0.346%
18	14.045	2026	2032	2037	rBV	1831884	2360831	18.08%	3.153%
19	14.910	2174	2179	2187	rVB	100274	139661	1.07%	0.187%
20	15.521	2276	2283	2288	rBV	1229837	1921887	14.72%	2.567%

Sum of corrected areas: 74867279

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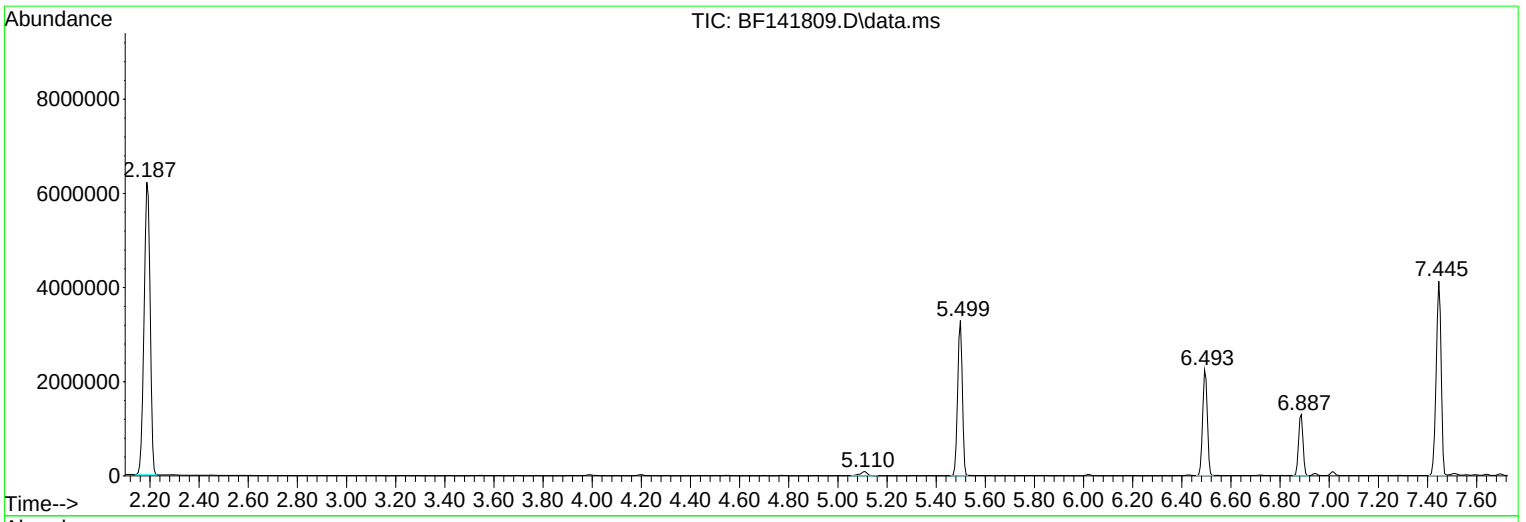
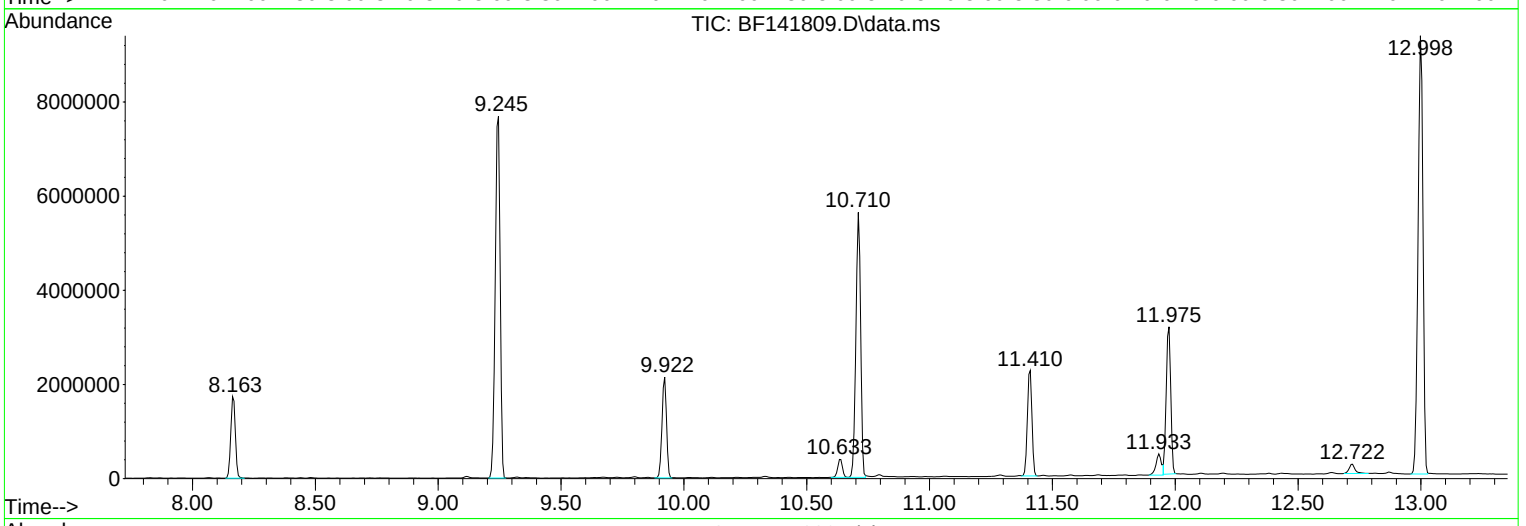
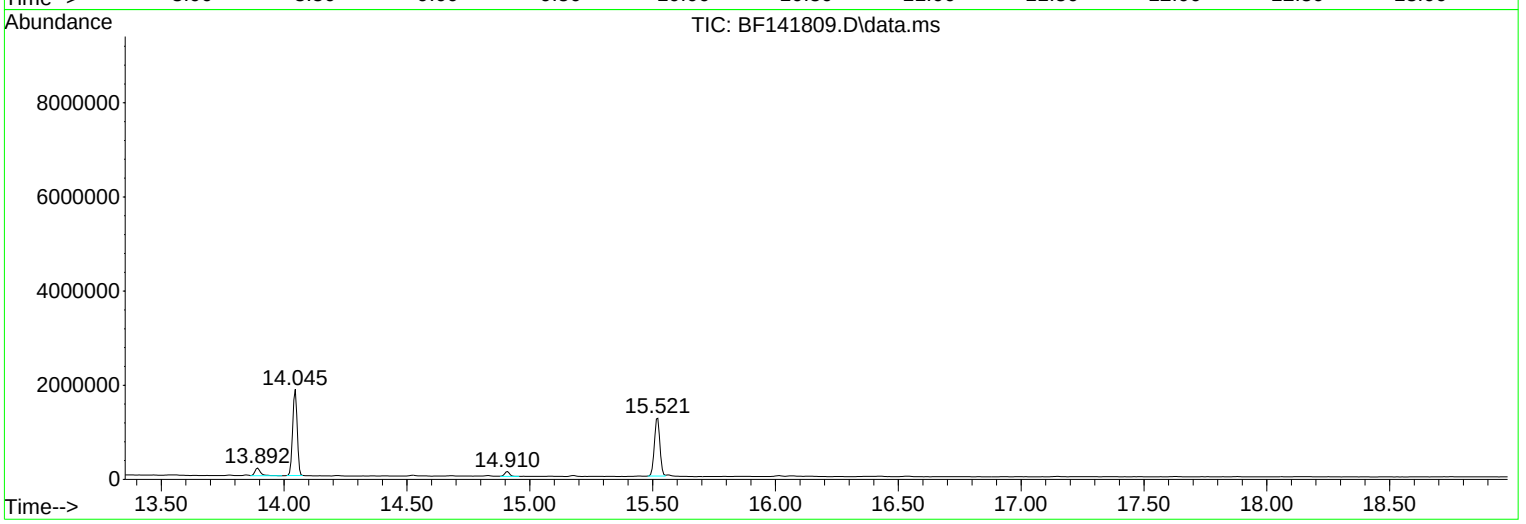
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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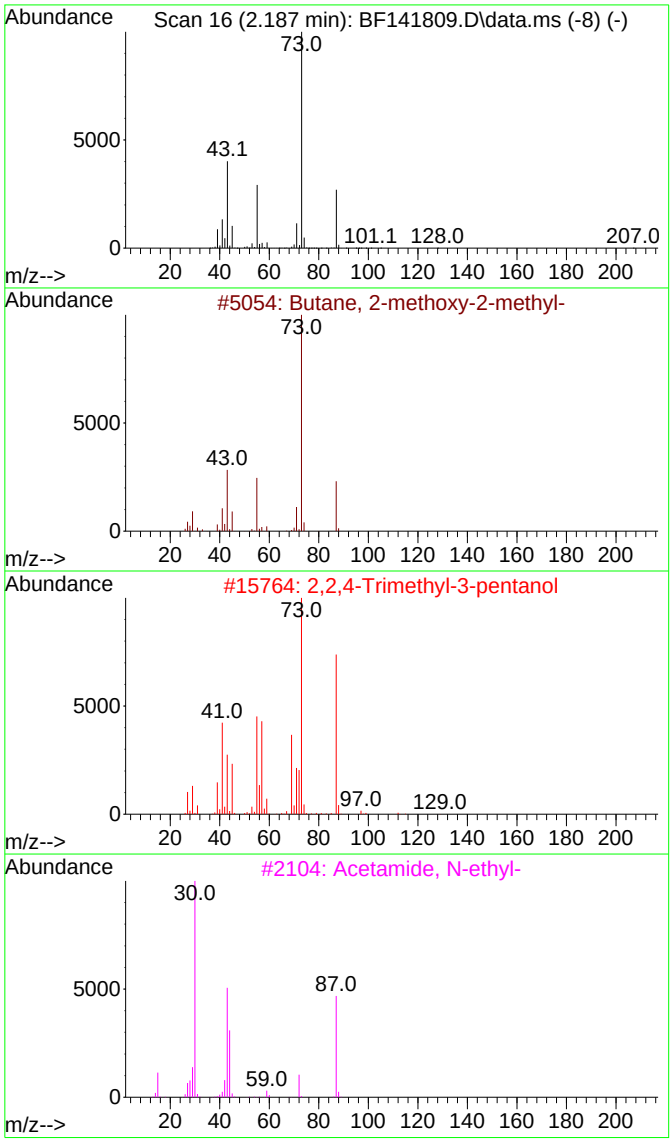
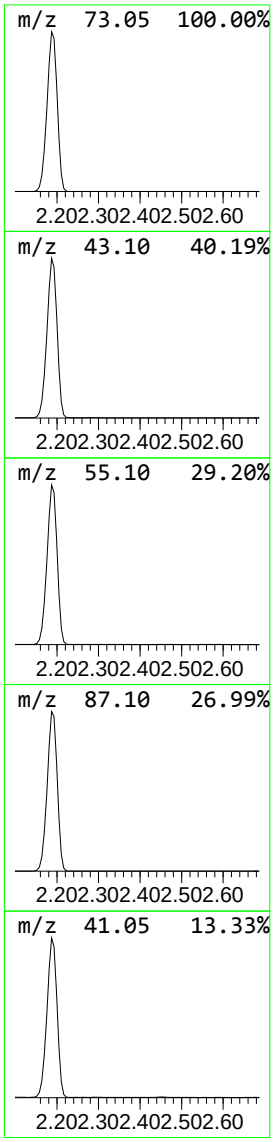
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.187	127.69 ng	10480600	1,4-Dichlorobenzene-d4	6.887

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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





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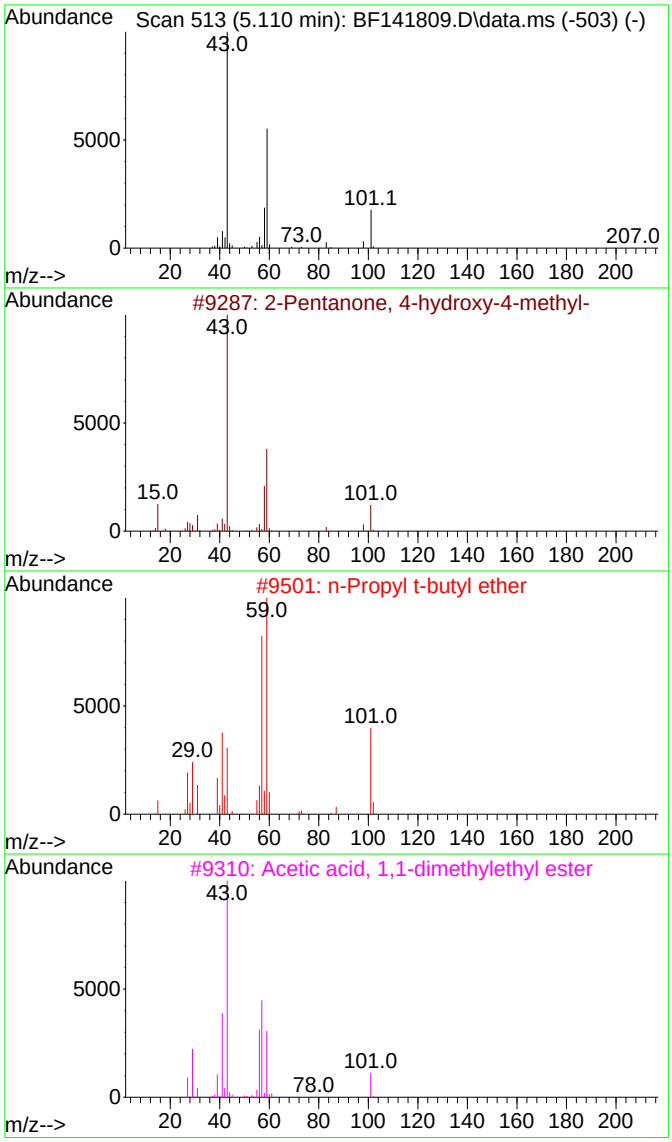
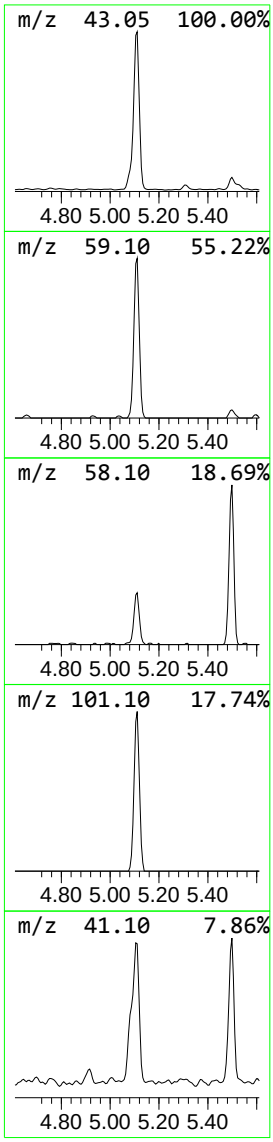
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	2.05 ng	168652	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





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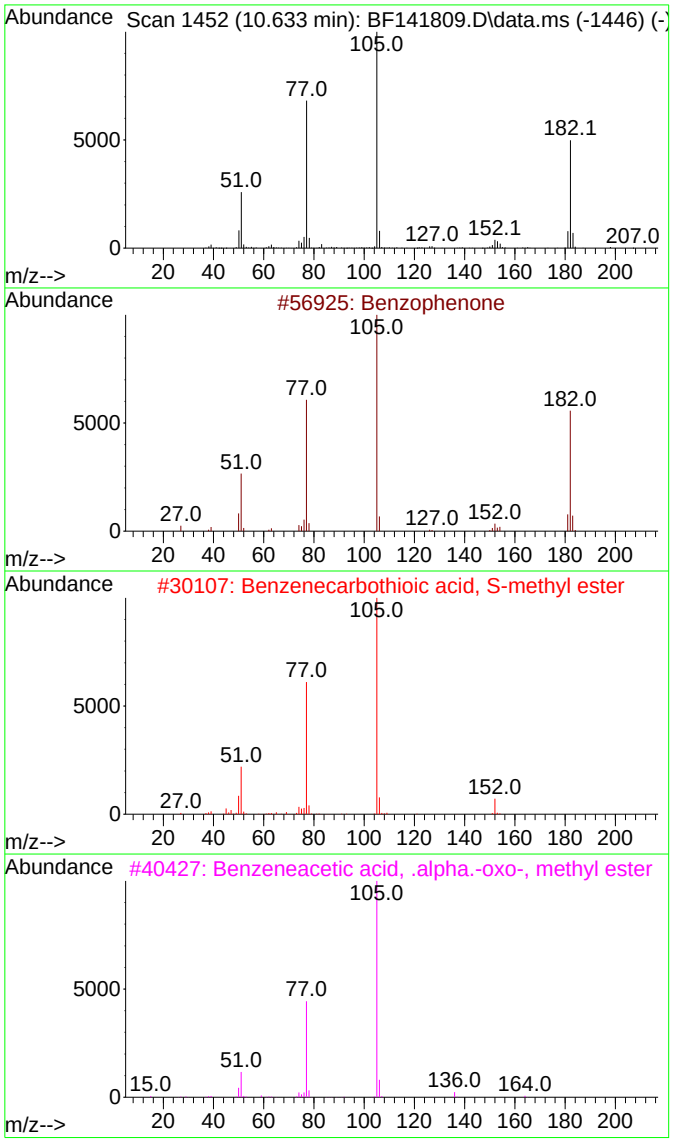
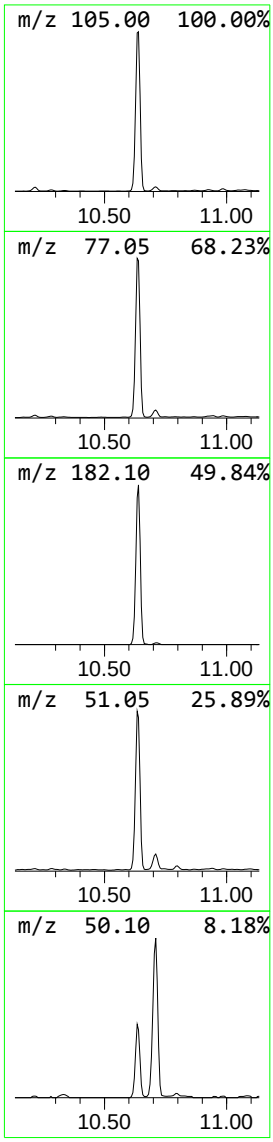
Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.634	3.85 ng	520289	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52
3	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	49
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





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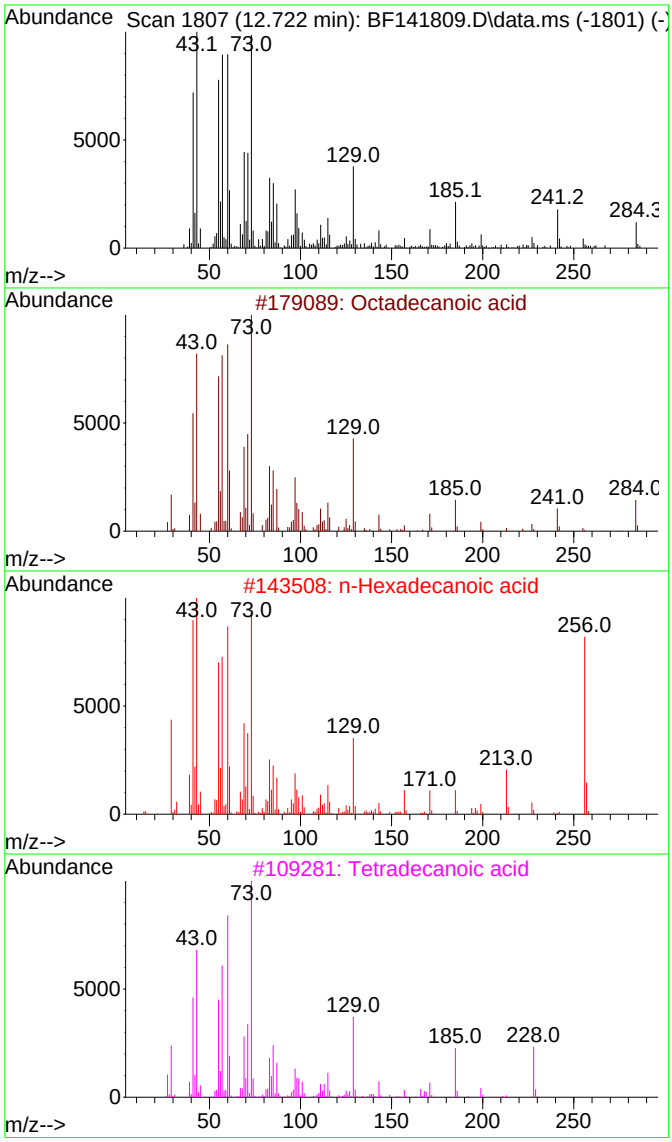
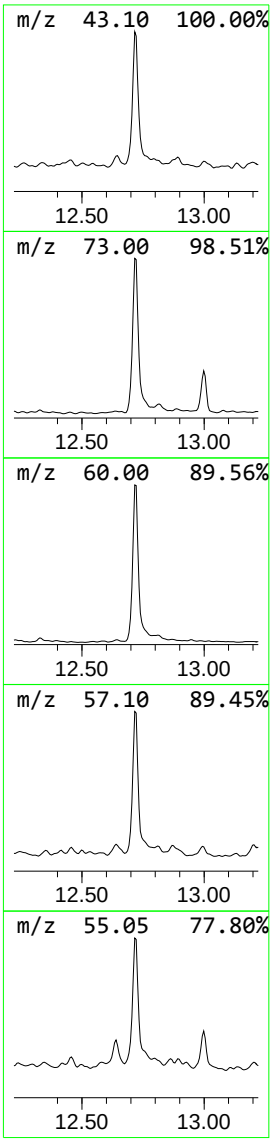
Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.722	2.30 ng	334174	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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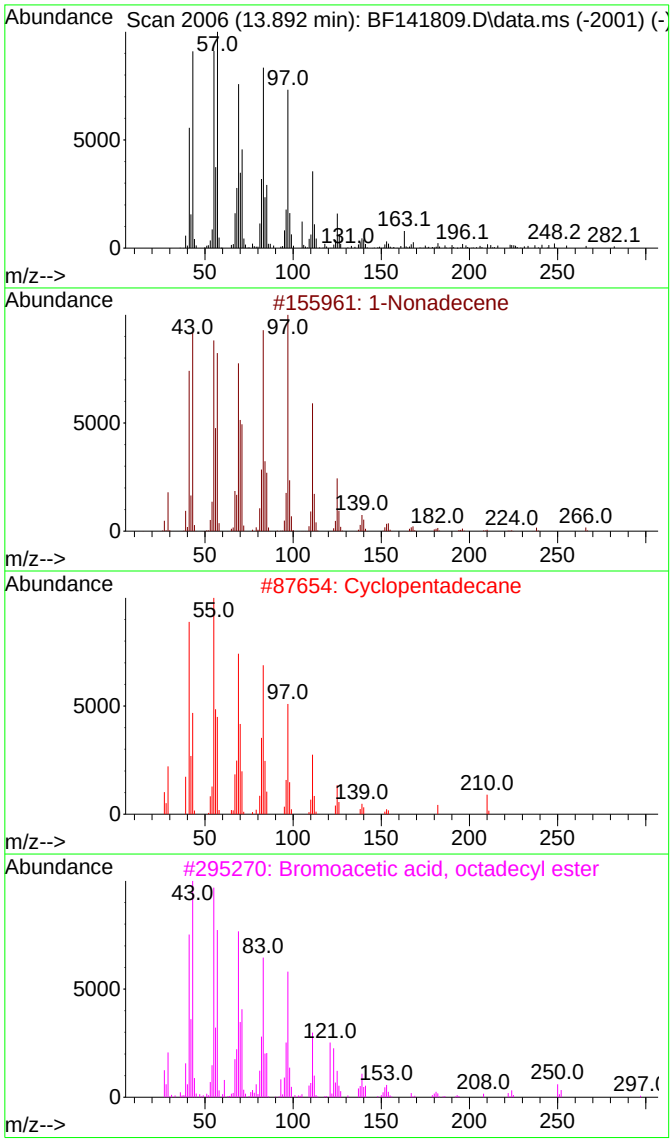
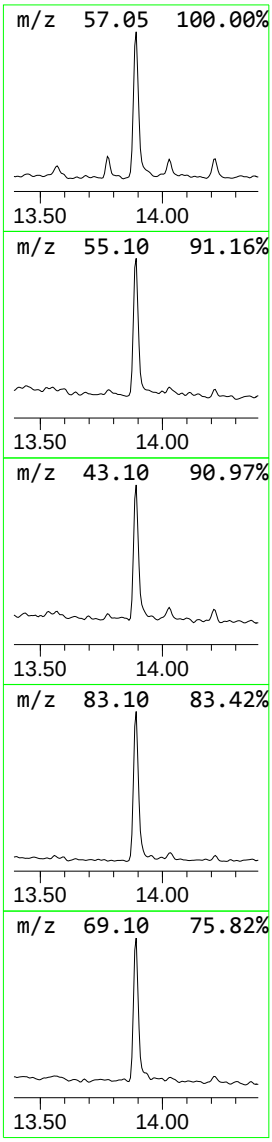
****

Peak Number 5 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	2.20 ng	259382	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	Cyclopentadecane	210	C15H30	000295-48-7	95
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	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...	2.187	127.7	ng	10480600	1	6.887	1641620	20.0
2-Pentanone, 4-...	5.110	2.0	ng	168652	1	6.887	1641620	20.0
Benzophenone	10.634	3.9	ng	520289	3	9.922	2704610	20.0
Octadecanoic acid	12.722	2.3	ng	334174	4	11.410	2900030	20.0
1-Nonadecene	13.892	2.2	ng	259382	5	14.045	2360830	20.0