LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041125\
Data File : BM049906.D
Acq On : 11 Apr 2025 18:13
Operator : RC/JU
Sample : Q1768-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CRUSHED STONE

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_M\Methods\8270-BM040825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049906.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.893	317	324	333	rBV	1010071	1405934	12.02%	2.029%
2	5.363	398	404	419	rVB	4196099	5977500	51.09%	8.626%
3	6.951	666	674	688	rBV	3635837	5810893	49.67%	8.386%
4	7.775	807	814	821	rBV	1224768	1887774	16.14%	2.724%
5	8.928	1002	1010	1022	rBV	2310423	3767304	32.20%	5.437%
6	10.569	1281	1289	1297	rBV	1432603	2347499	20.06%	3.388%
7	13.033	1702	1708	1724	rBV	6811869	9847055	84.17%	14.210%
8	14.416	1936	1943	1953	rBV	2240105	3541217	30.27%	5.110%
9	14.945	2030	2033	2039	rBV3	235288	391360	3.35%	0.565%
10	15.686	2155	2159	2165	rVB	1575976	2370172	20.26%	3.420%
11	15.904	2192	2196	2204	rBV	4627026	7674647	65.60%	11.075%
12	16.168	2236	2241	2248	rBV	6373592	11699613	100.00%	16.884%
13	16.998	2379	2382	2388	rVB	5567067	8092166	69.17%	11.678%
14	24.403	3635	3641	3654	rVB	1762365	4481789	38.31%	6.468%

Sum of corrected areas: 69294923

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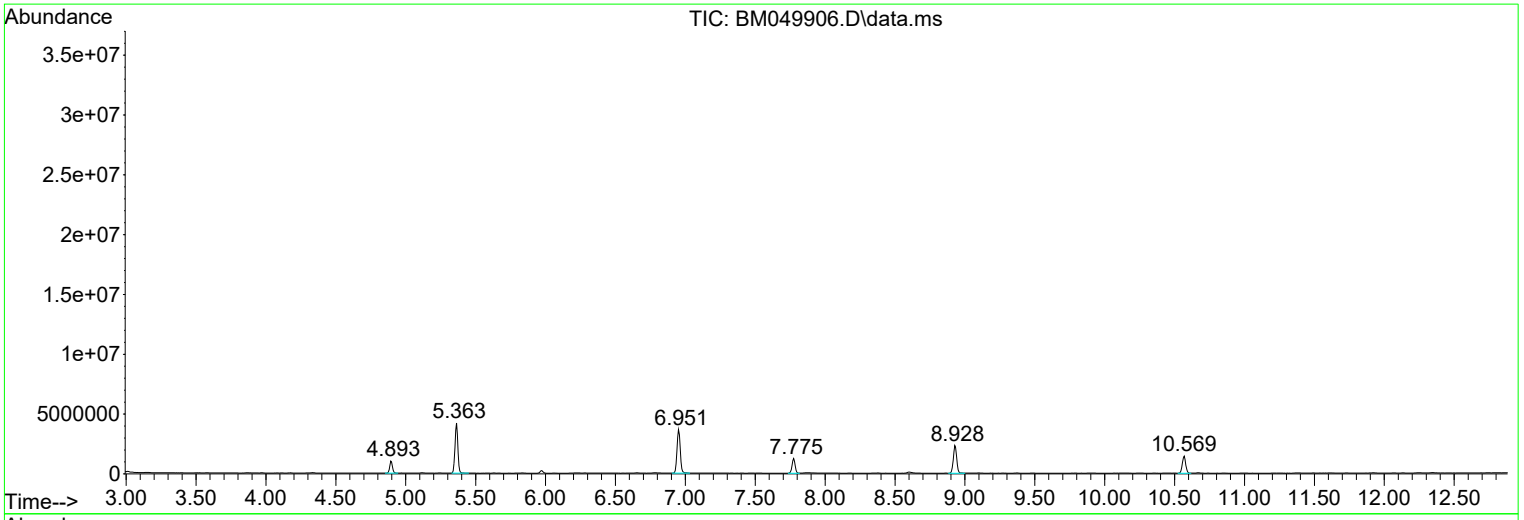
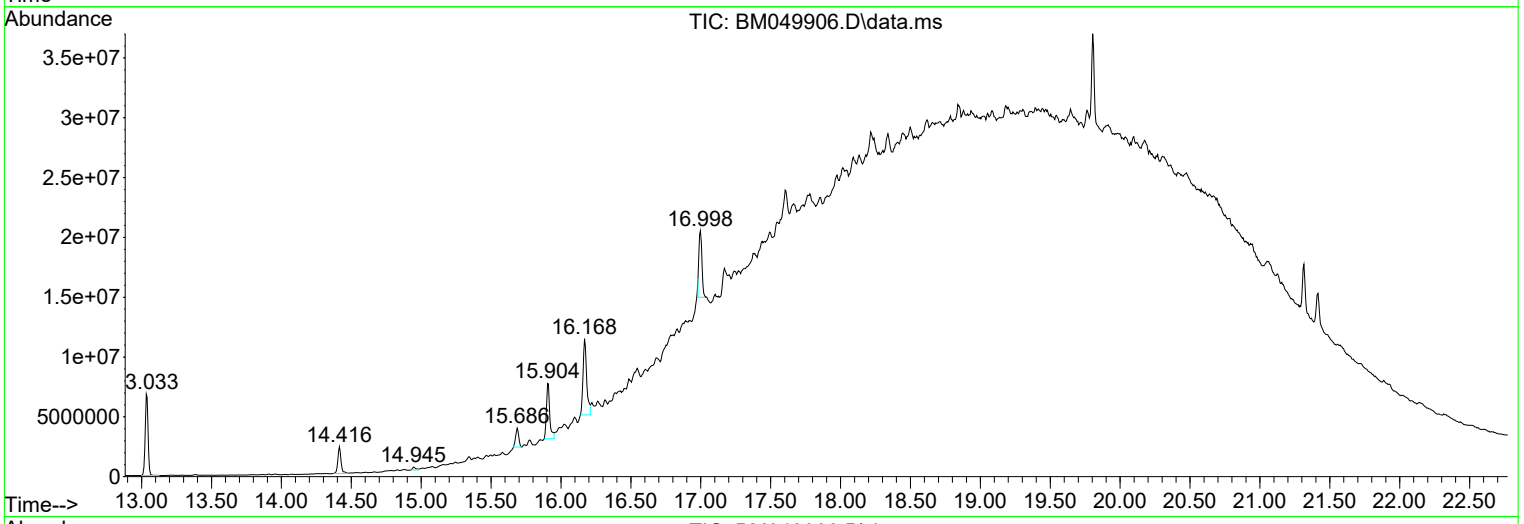
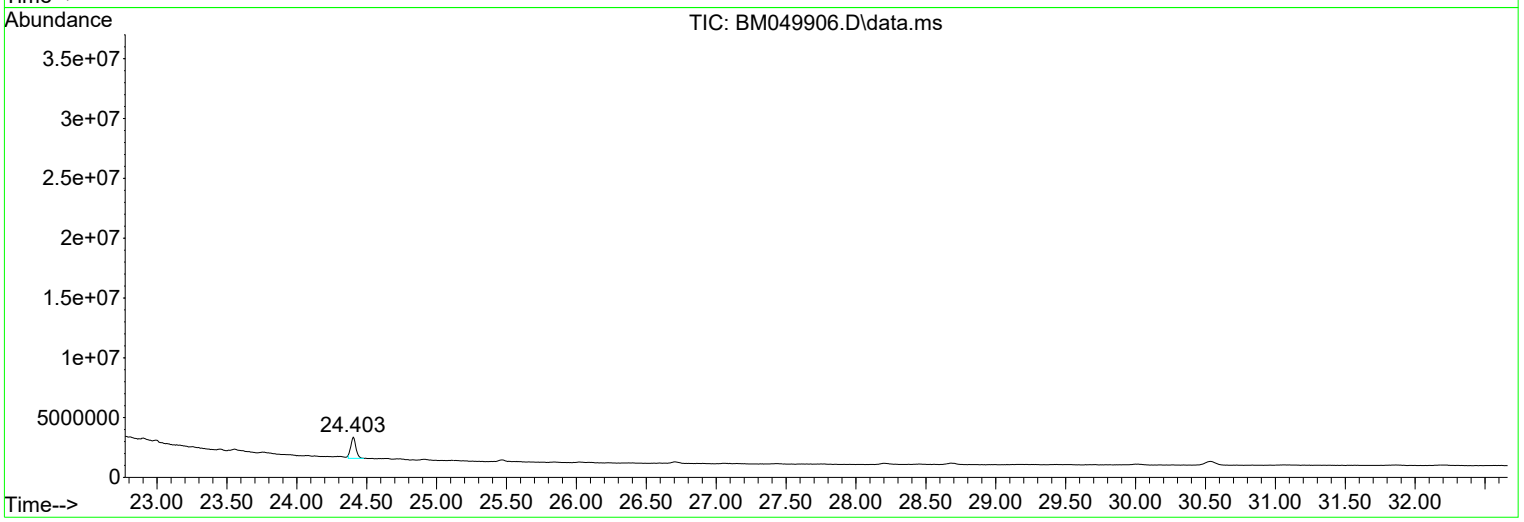
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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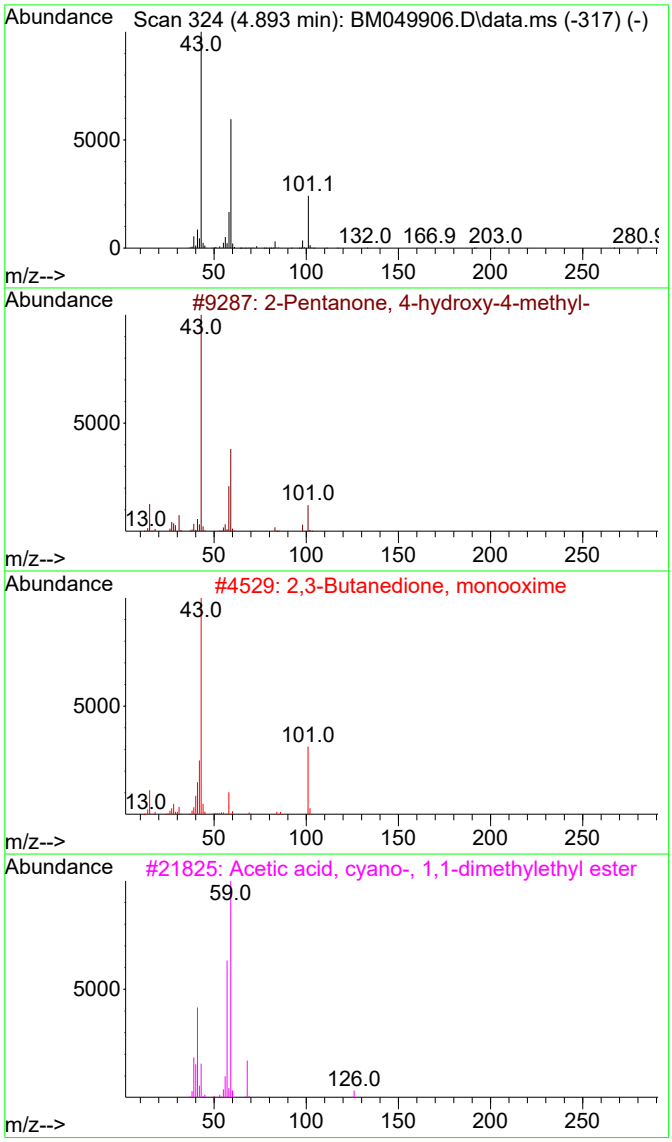
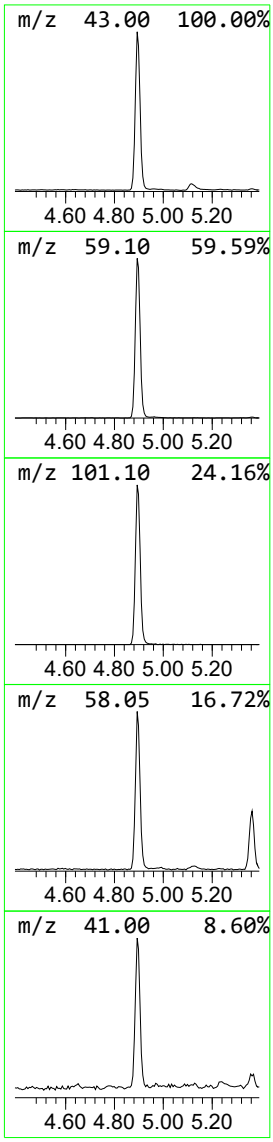
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.893	14.90 ng	1405930	1,4-Dichlorobenzene-d4	7.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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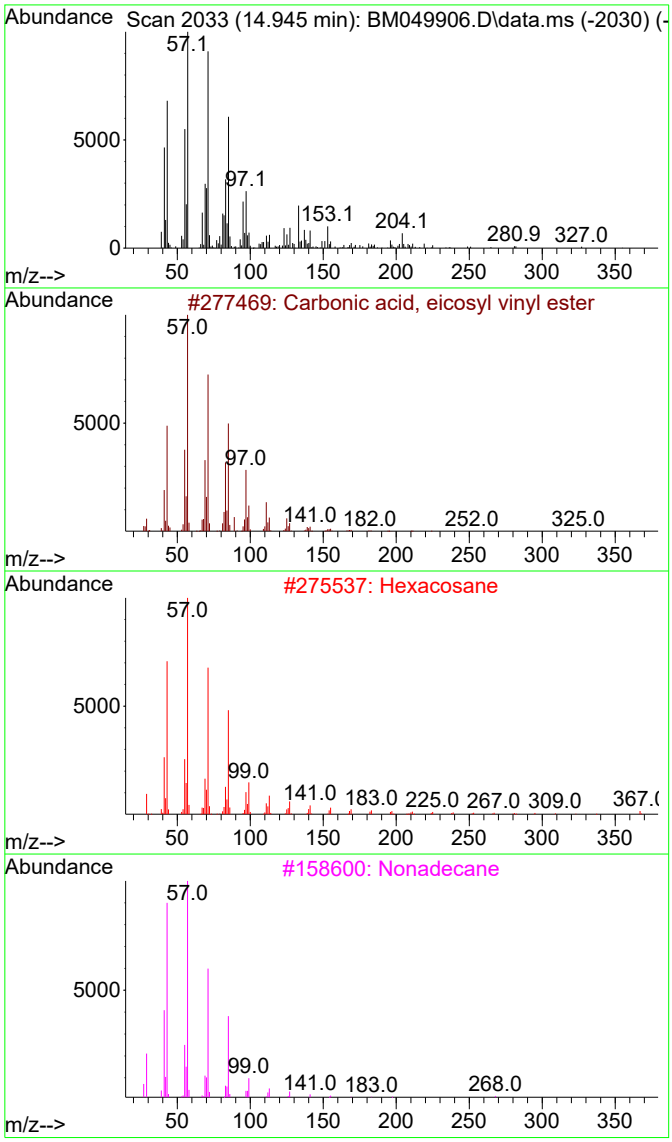
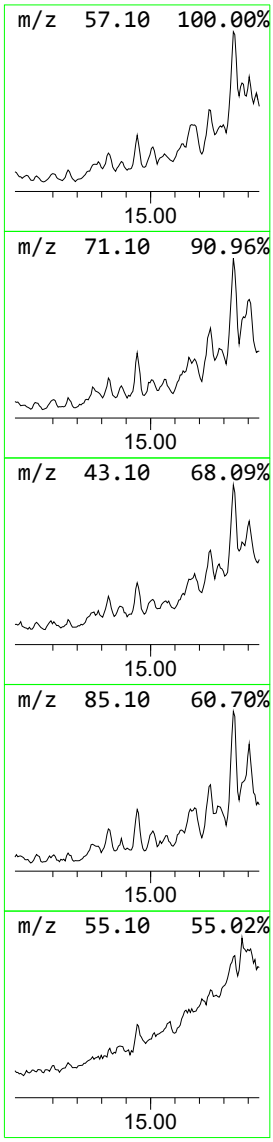
****
Peak Number 2 Carbonic acid, eicosyl viny... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.945	2.21 ng	391360	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	58
2	Hexacosane	366	C26H54	000630-01-3	52
3	Nonadecane	268	C19H40	000629-92-5	52
4	Tridecane	184	C13H28	000629-50-5	49
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	49





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TIC Library : C:\Database\NIST20.L
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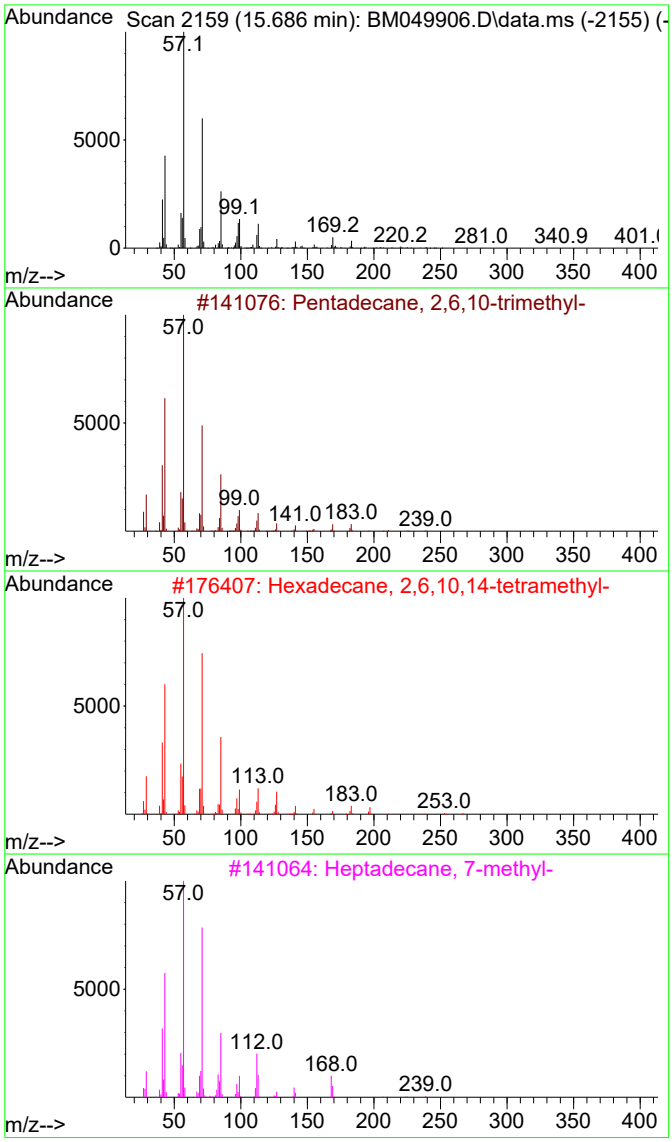
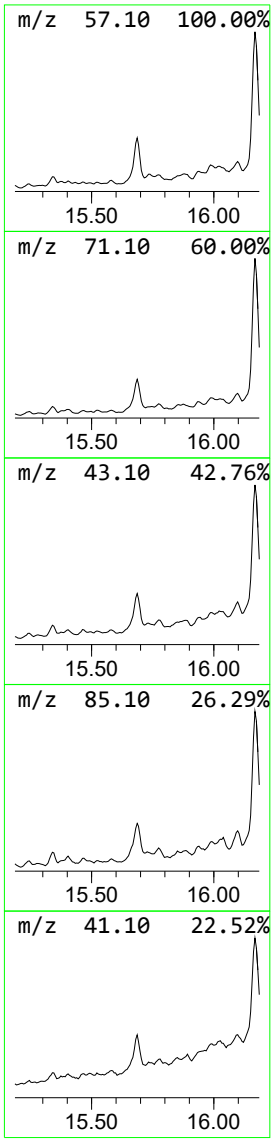
****
Peak Number 3 Pentadecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.686	13.39 ng	2370170	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	95
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	80
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	74
5	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	72





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TIC Library : C:\Database\NIST20.L
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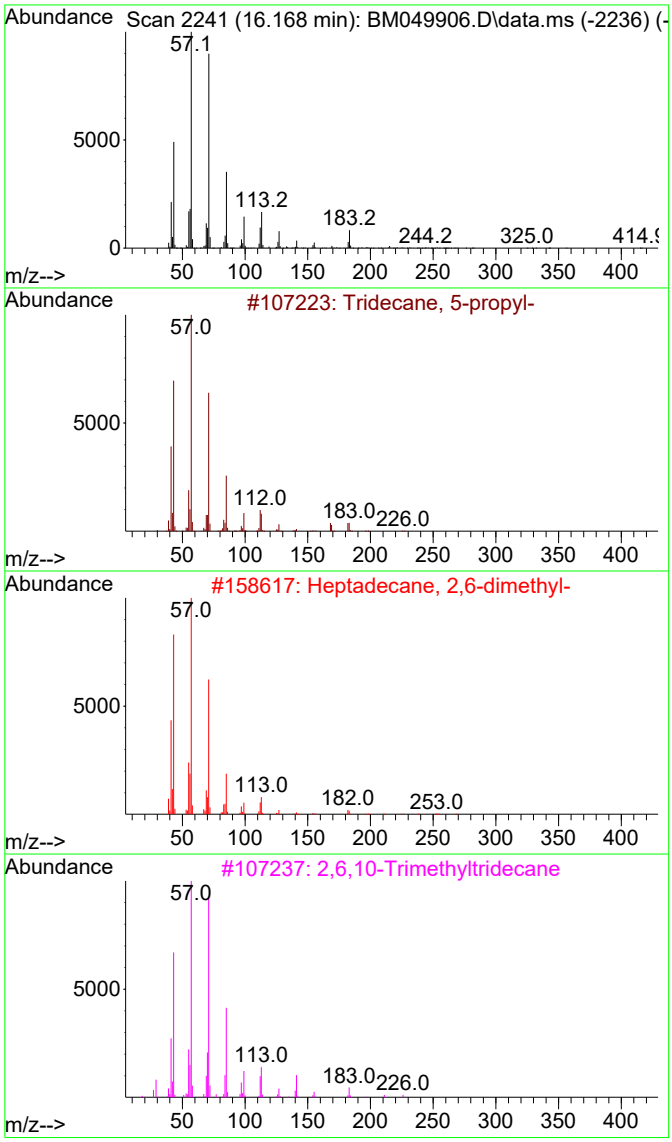
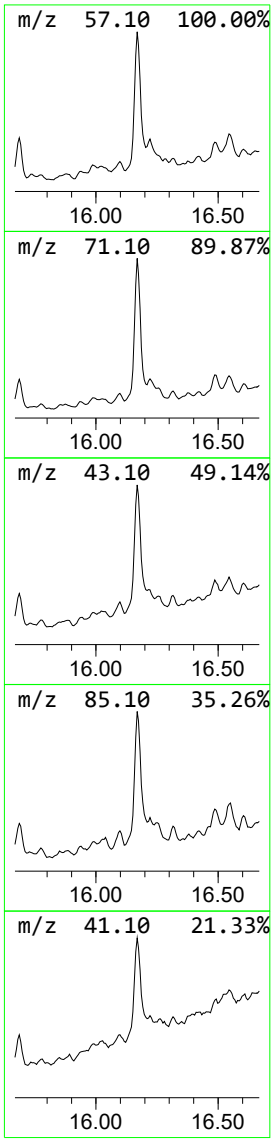
****

Peak Number 4 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.168	28.92 ng	11699600	Phenanthrene-d10	17.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	94
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	90
3	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	90
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





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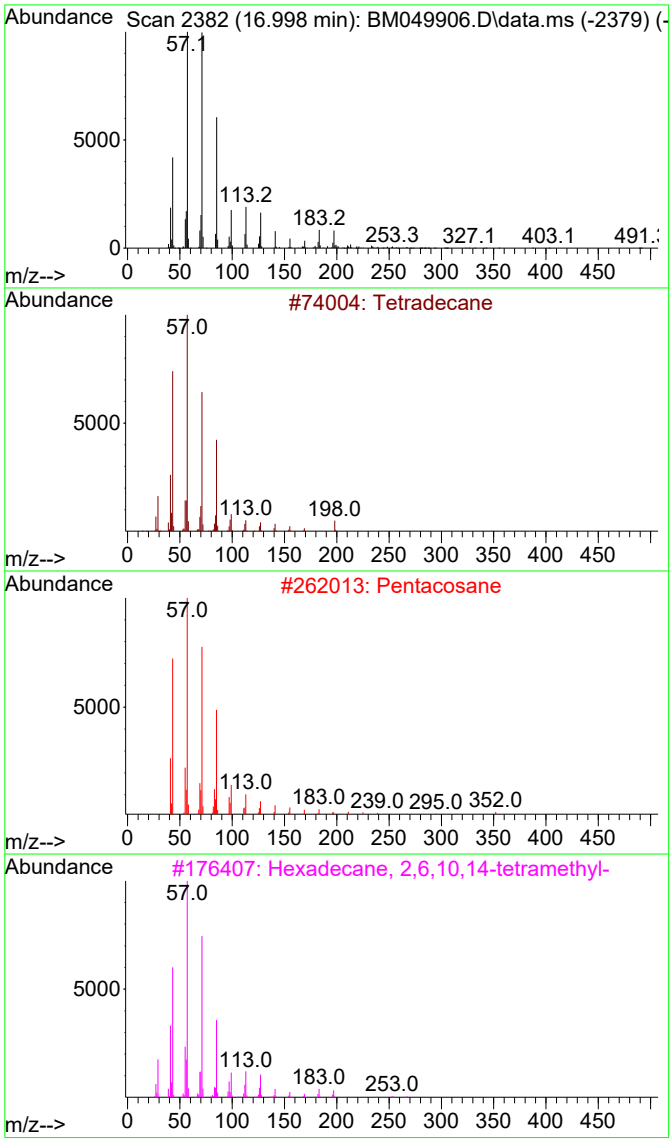
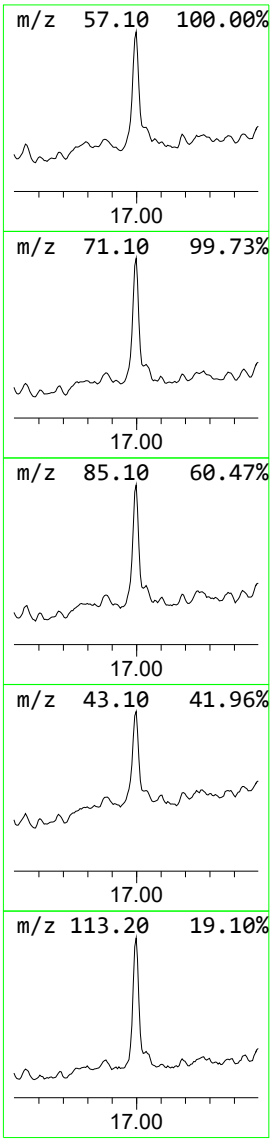
****

Peak Number 5 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.998	20.00 ng	8092170	Phenanthrene-d10	17.168

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Pentacosane	352	C25H52	000629-99-2	80
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
4	Decane, 3-methyl-	156	C11H24	013151-34-3	68
5	Heptacosane	380	C27H56	000593-49-7	64





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.893	14.9	ng	1405930	1	7.775	1887770	20.0
Carbonic acid, ...	14.945	2.2	ng	391360	3	14.416	3541220	20.0
Pentadecane, 2,...	15.686	13.4	ng	2370170	3	14.416	3541220	20.0
Tridecane, 5-pr...	16.168	28.9	ng	11699600	4	17.168	8092170	20.0
Tetradecane	16.998	20.0	ng	8092170	4	17.168	8092170	20.0