LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
Data File : BE101490.D
Acq On : 5 Nov 2024 21:38
Operator : RC/JU
Sample : P4685-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
OK-01-11012024

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_E\Methods\8270-BE102824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BE101490.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.882	45	50	71	rVB	138327	240542	21.15%	2.675%
2	5.326	459	466	483	rBV	147690	287218	25.26%	3.194%
3	6.959	737	744	757	rBV	128259	291031	25.59%	3.236%
4	7.570	841	848	856	rBV	272190	439604	38.66%	4.889%
5	8.780	1047	1054	1066	rBV	105775	198149	17.42%	2.203%
6	10.343	1311	1320	1336	rBV	397432	710589	62.49%	7.902%
7	12.188	1630	1634	1641	rBV3	18244	39220	3.45%	0.436%
8	12.799	1732	1738	1745	rBV	346571	551118	48.46%	6.129%
9	12.870	1745	1750	1756	rVB	37883	61984	5.45%	0.689%
10	13.916	1924	1928	1930	rBV	29681	43003	3.78%	0.478%
11	13.945	1930	1933	1937	rVB	61428	77064	6.78%	0.857%
12	14.180	1967	1973	1980	rBV	647373	969125	85.22%	10.777%
13	14.897	2091	2095	2098	rVB	73679	92616	8.14%	1.030%
14	15.549	2202	2206	2212	rVB	73166	107435	9.45%	1.195%
15	15.690	2225	2230	2236	rVB	265559	400898	35.25%	4.458%
16	15.749	2236	2240	2250	rVB	99775	177023	15.57%	1.969%
17	16.524	2369	2372	2376	rBV	100210	136644	12.02%	1.520%
18	16.918	2434	2439	2444	rBV	742977	1137168	100.00%	12.646%
19	16.959	2444	2446	2457	rVB	177071	247006	21.72%	2.747%
20	17.047	2458	2461	2467	rVV	71860	98305	8.64%	1.093%
21	18.969	2784	2788	2795	rVB	721486	1006338	88.50%	11.191%
22	19.339	2847	2851	2855	rVB	605971	795126	69.92%	8.842%
23	19.509	2877	2880	2887	rBV	681284	885271	77.85%	9.845%

Sum of corrected areas: 8992477

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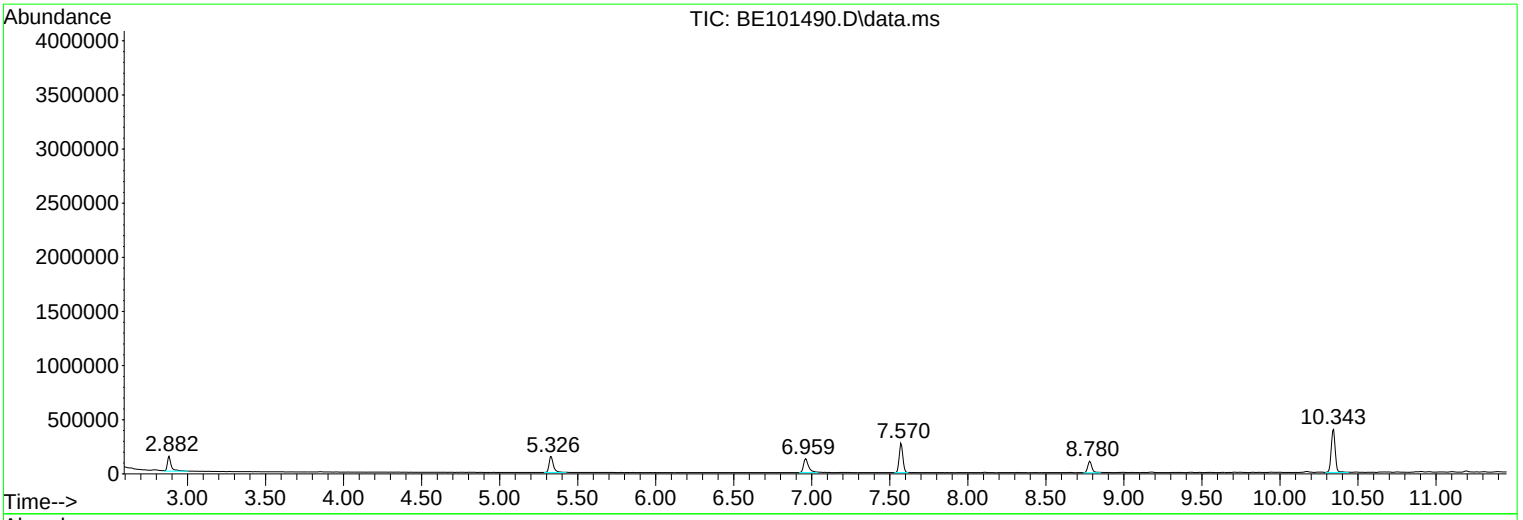
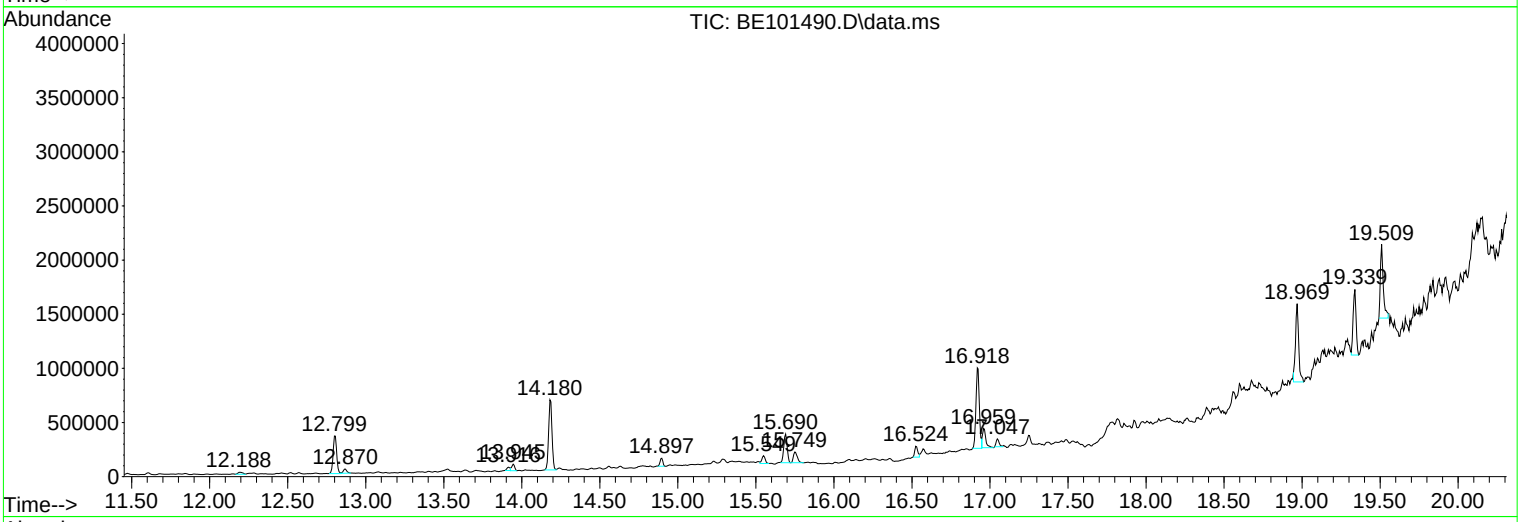
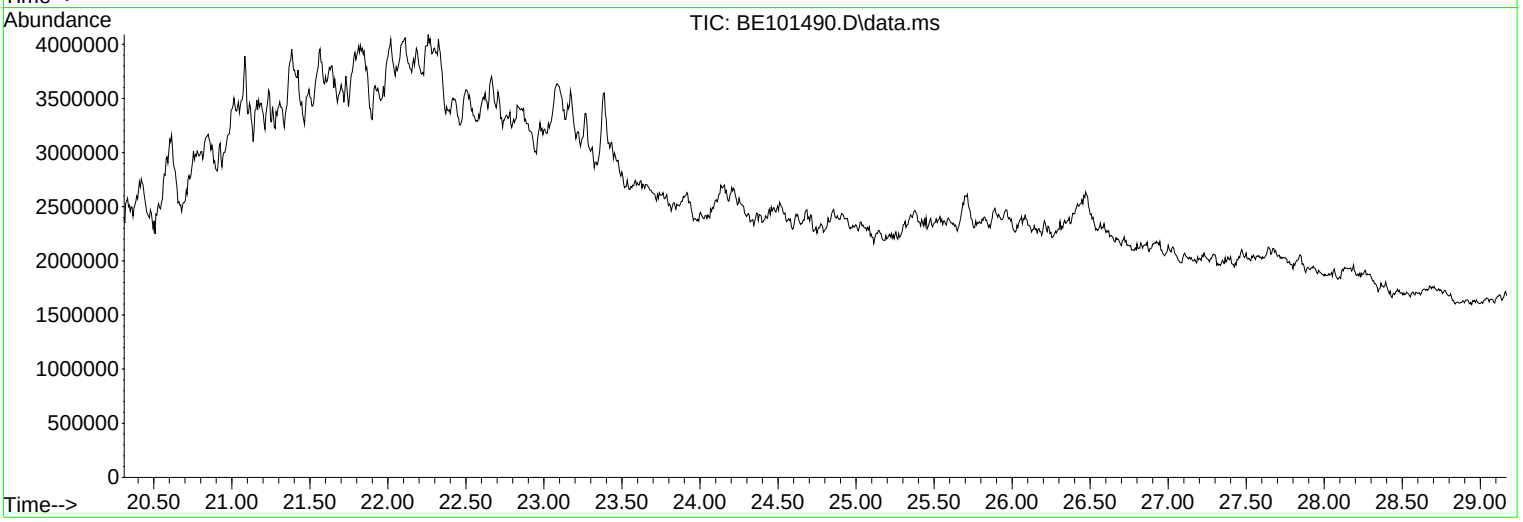
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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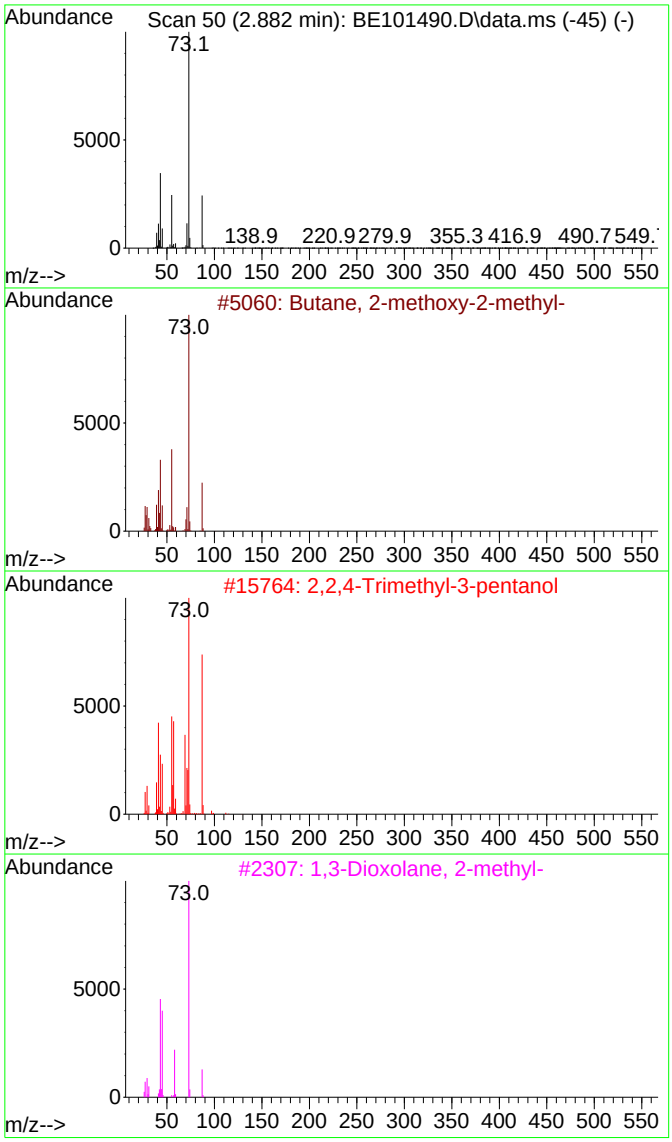
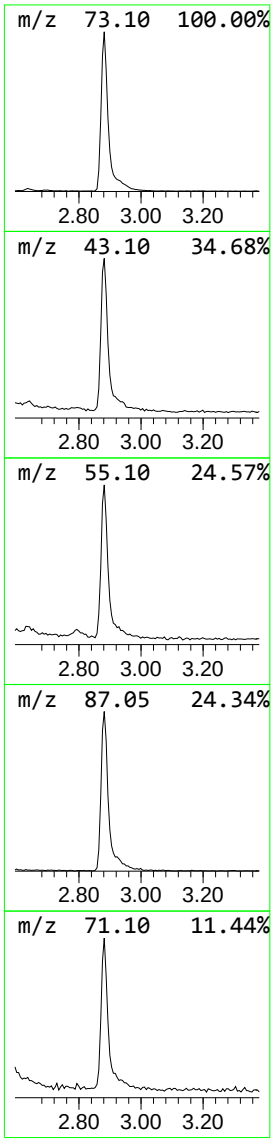
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.882	10.94 ng	240542	1,4-Dichlorobenzene-d4	7.570

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





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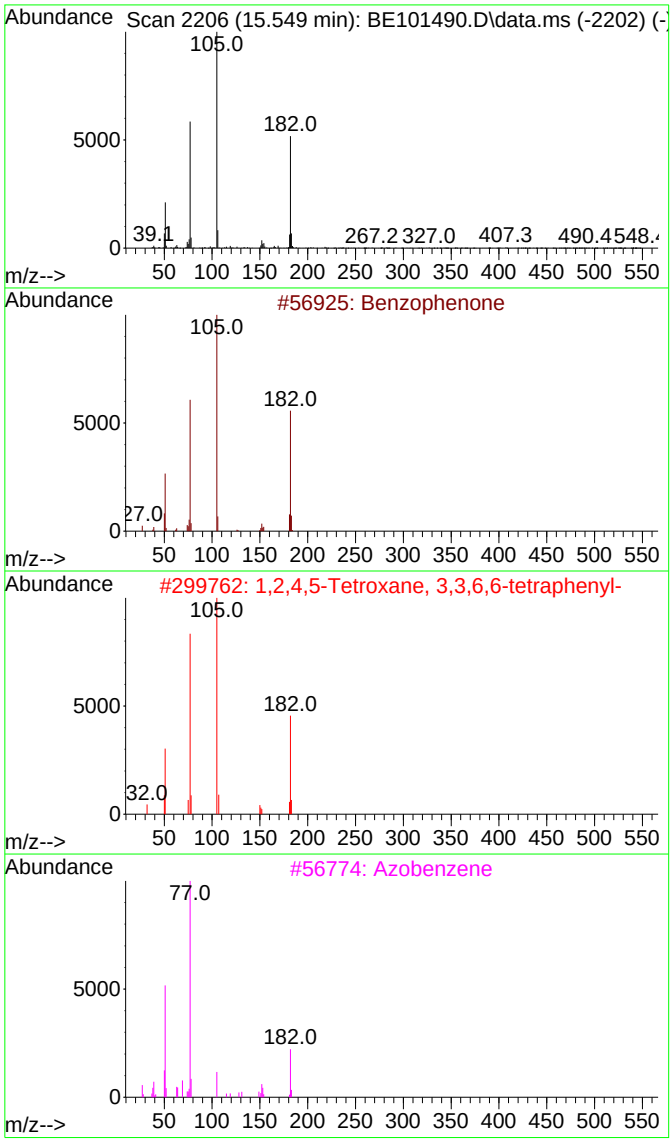
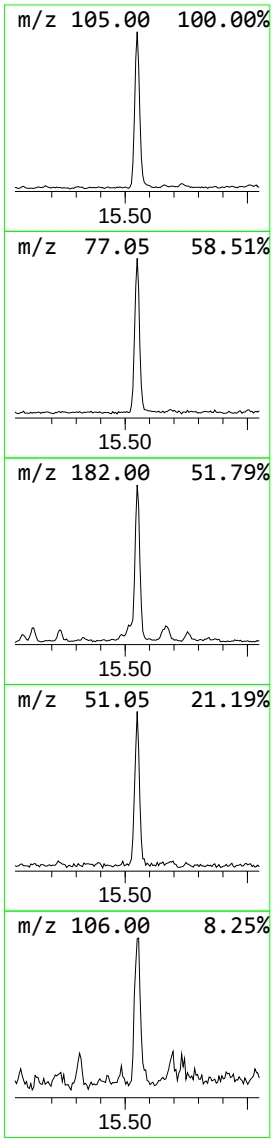
Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.549	2.22 ng	107435	Acenaphthene-d10	14.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	Azobenzene	182	C12H10N2	000103-33-3	64
4	Benzoic acid, 2-benzoyl-	226	C14H10O3	000085-52-9	56
5	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	40





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BNA_E
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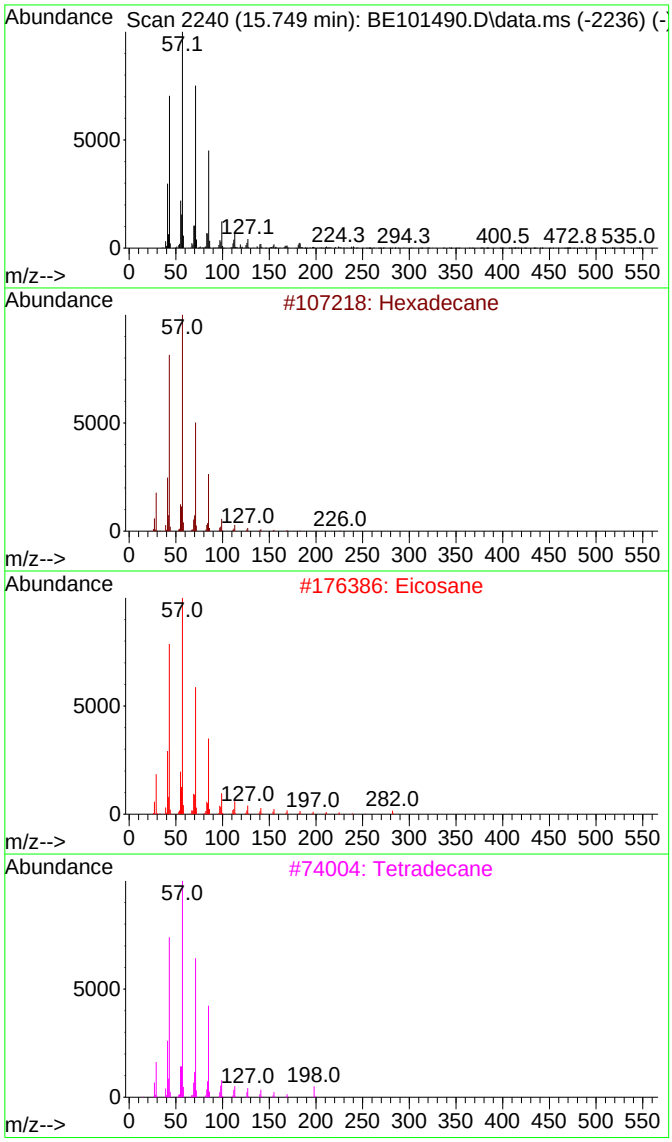
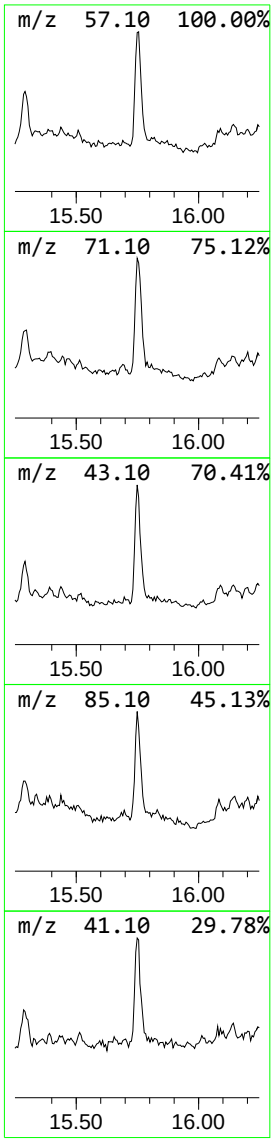
Peak Number 3 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.749	3.11 ng	177023	Phenanthrene-d10	16.918

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5	Nonadecane	268	C19H40	000629-92-5	90





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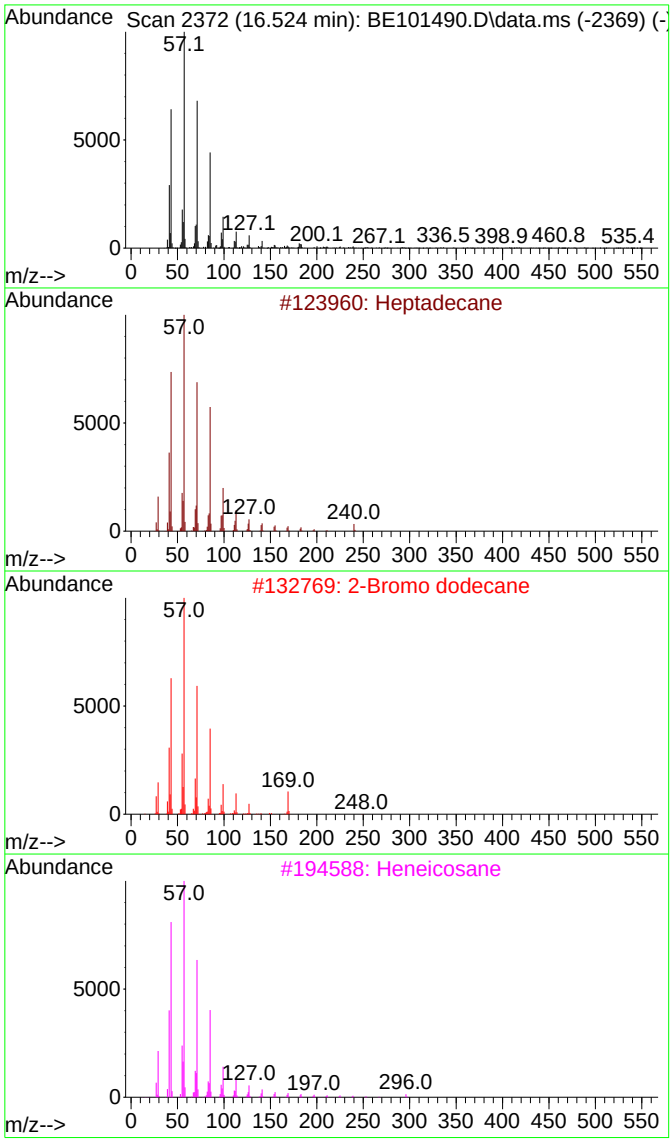
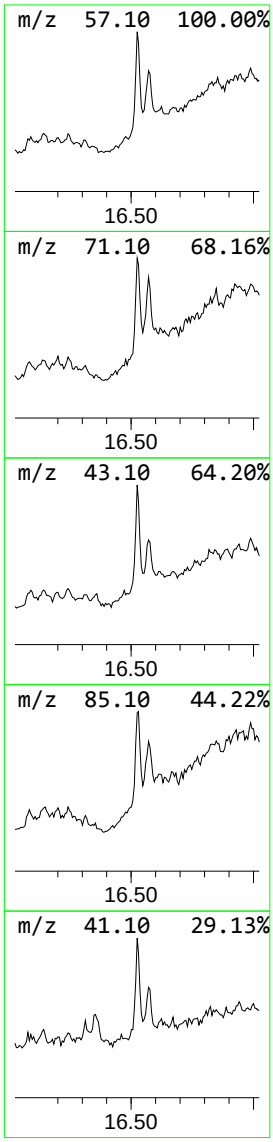
Peak Number 4 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.524	2.40 ng	136644	Phenanthrene-d10	16.918

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octadecane	254	C18H38	000593-45-3	83
5	Tricosane	324	C23H48	000638-67-5	83





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...	2.882	10.9	ng	240542	1	7.570	439604	20.0
Benzophenone	15.549	2.2	ng	107435	3	14.180	969125	20.0
Hexadecane	15.749	3.1	ng	177023	4	16.918	1137170	20.0
Heptadecane	16.524	2.4	ng	136644	4	16.918	1137170	20.0