LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025652.D
Acq On : 03 Sep 2025 00:28
Operator : CG/JU
Sample : Q2996-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONTAINMENT-C

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025652.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.025	11	15	21	rBV	746192	923761	17.06%	3.018%
2	3.090	24	26	32	rVB	57038	65743	1.21%	0.215%
3	4.931	333	339	348	rVB	191534	283337	5.23%	0.926%
4	5.402	410	419	429	rBV	1447135	2246309	41.49%	7.339%
5	6.961	676	684	701	rBV	1260409	2290267	42.30%	7.482%
6	7.772	813	822	829	rBV	466635	758896	14.02%	2.479%
7	8.913	1007	1016	1034	rBV	958926	1589224	29.35%	5.192%
8	10.543	1283	1293	1305	rBV	573021	1036448	19.14%	3.386%
9	13.001	1703	1711	1724	rBV	2232637	3862342	71.34%	12.618%
10	14.390	1940	1947	1959	rBV	800825	1405255	25.96%	4.591%
11	15.766	2177	2181	2189	rBV	138711	205571	3.80%	0.672%
12	15.907	2199	2205	2219	rBV	1859064	3463319	63.97%	11.315%
13	16.166	2245	2249	2255	rBV	213254	336183	6.21%	1.098%
14	17.007	2389	2392	2398	rVB	283127	418523	7.73%	1.367%
15	17.195	2419	2424	2434	rBV2	997961	1903975	35.17%	6.220%
16	18.125	2579	2582	2586	rVB3	461021	641468	11.85%	2.096%
17	19.907	2880	2885	2890	rVB	3877433	5413887	100.00%	17.687%
18	21.624	3173	3177	3183	rVB	1116587	1741633	32.17%	5.690%
19	24.983	3742	3748	3765	rVB	667244	2022543	37.36%	6.608%

Sum of corrected areas: 30608684

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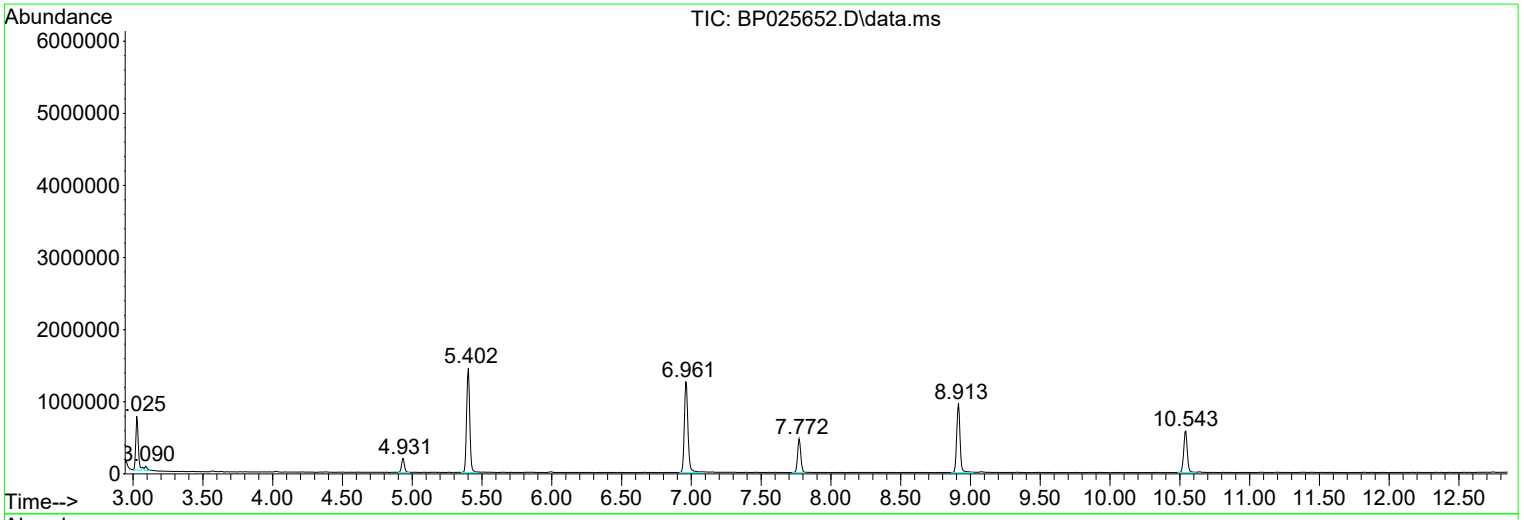
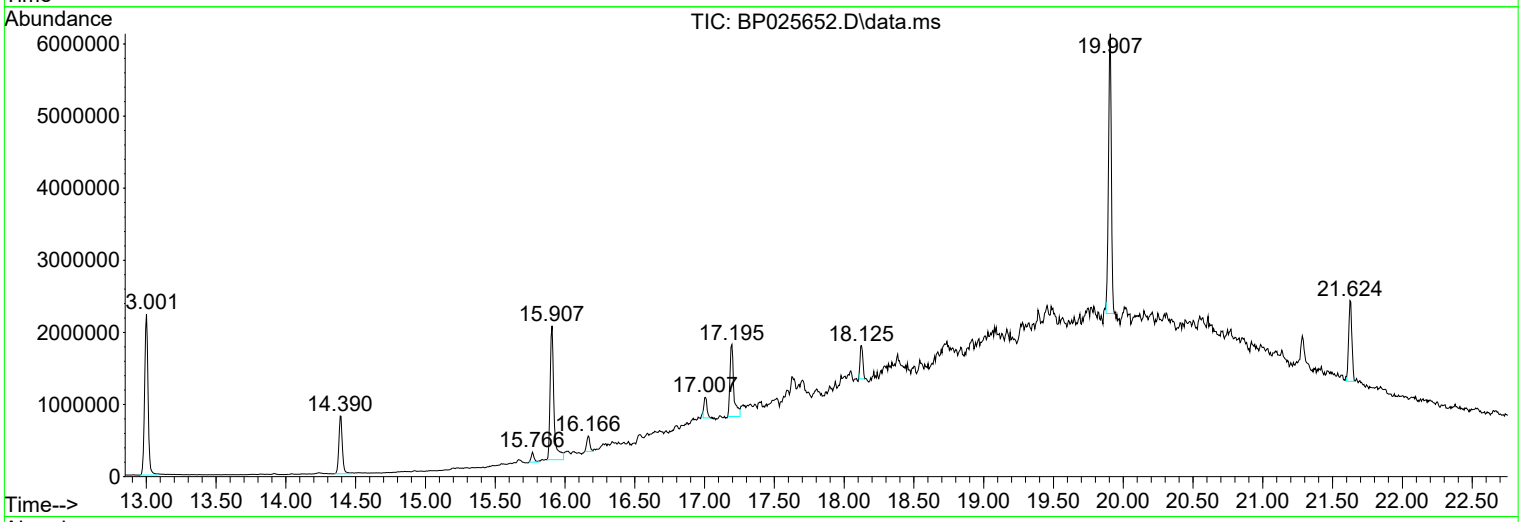
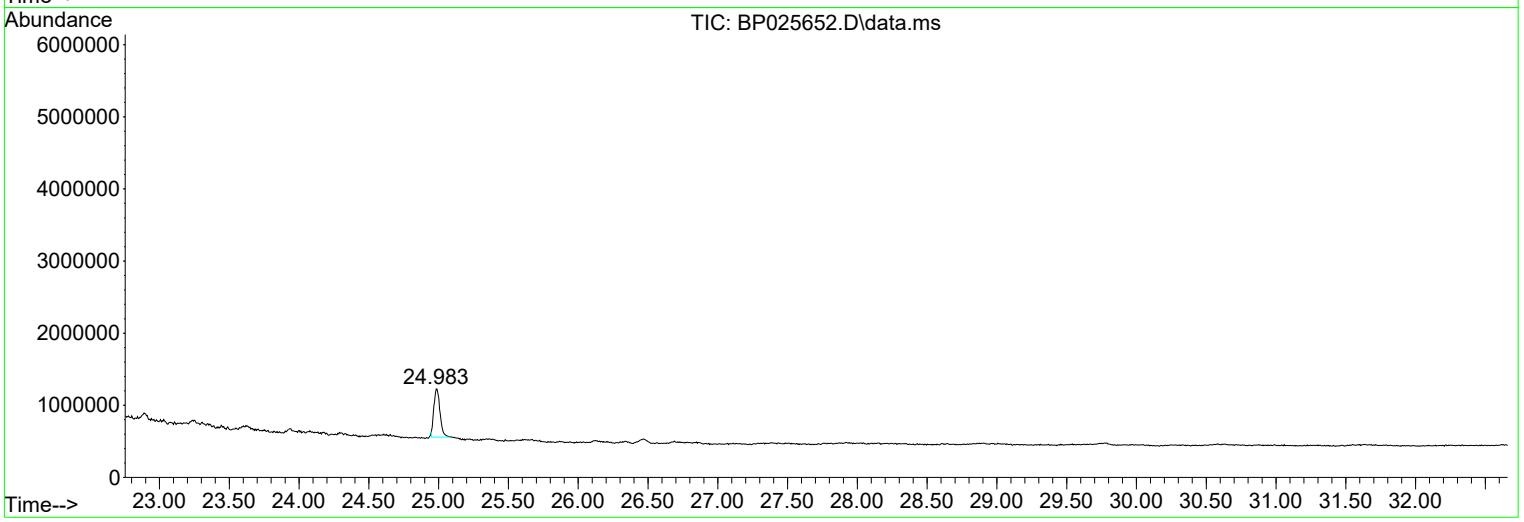
Instrument :
BNA_P
ClientSampleId :
CONTAINMENT-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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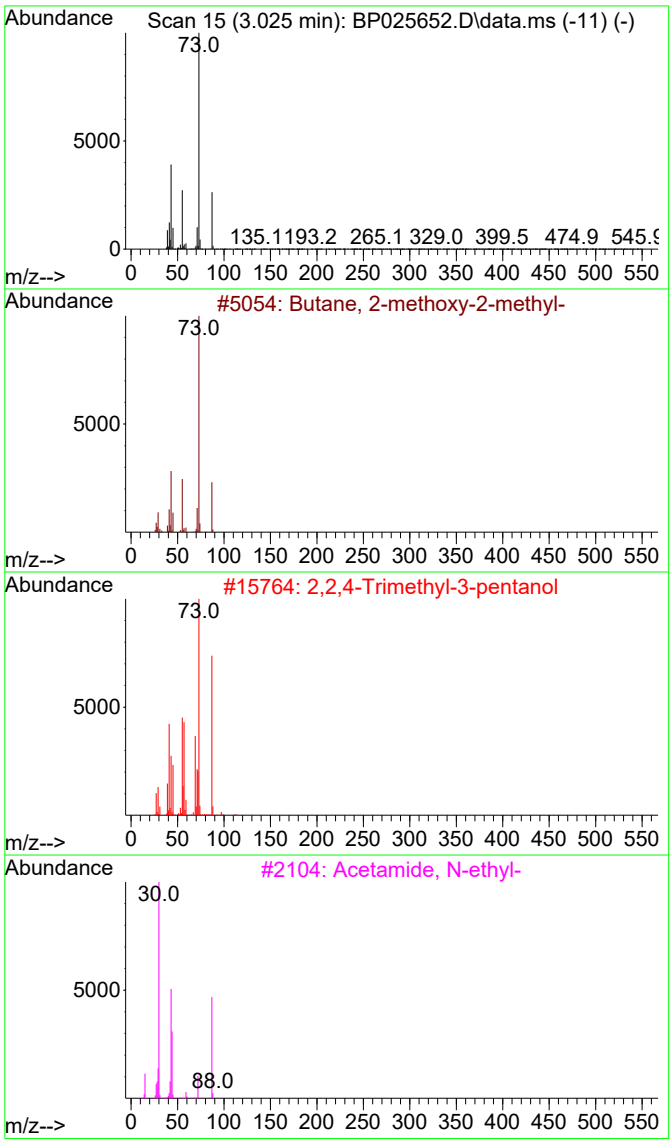
TIC Integration Parameters: LSCINT.P

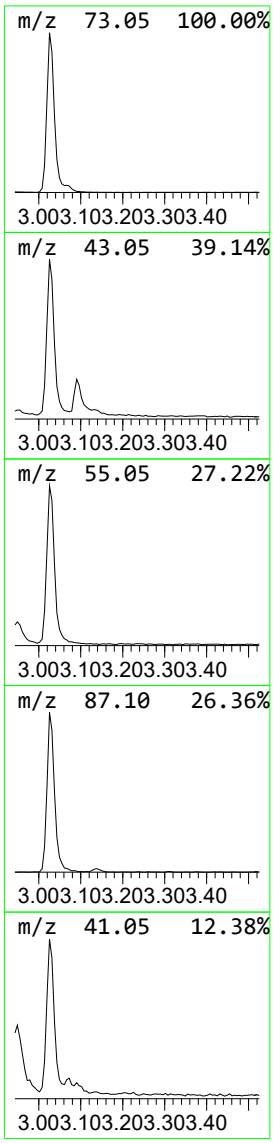
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.025	24.34 ng	923761	1,4-Dichlorobenzene-d4	7.772

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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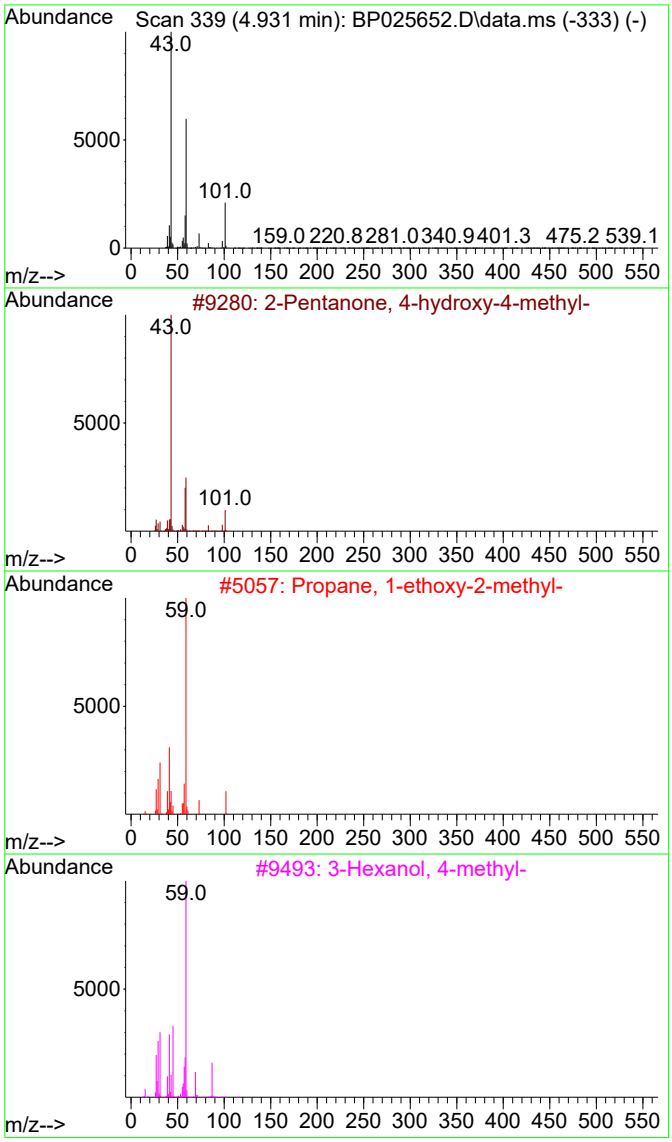
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

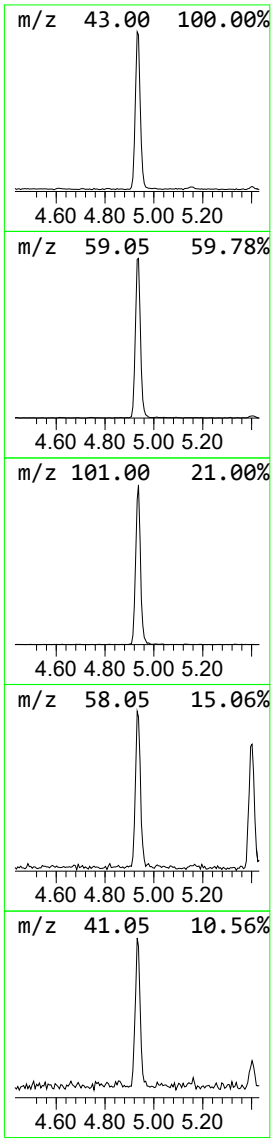
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.931	7.47 ng	283337	1,4-Dichlorobenzene-d4	7.772

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Guanidine	59	CH5N3	000113-00-8	9





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Sample : Q2996-05
Misc :
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Instrument :
BNA_P
ClientSampleId :
CONTAINMENT-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
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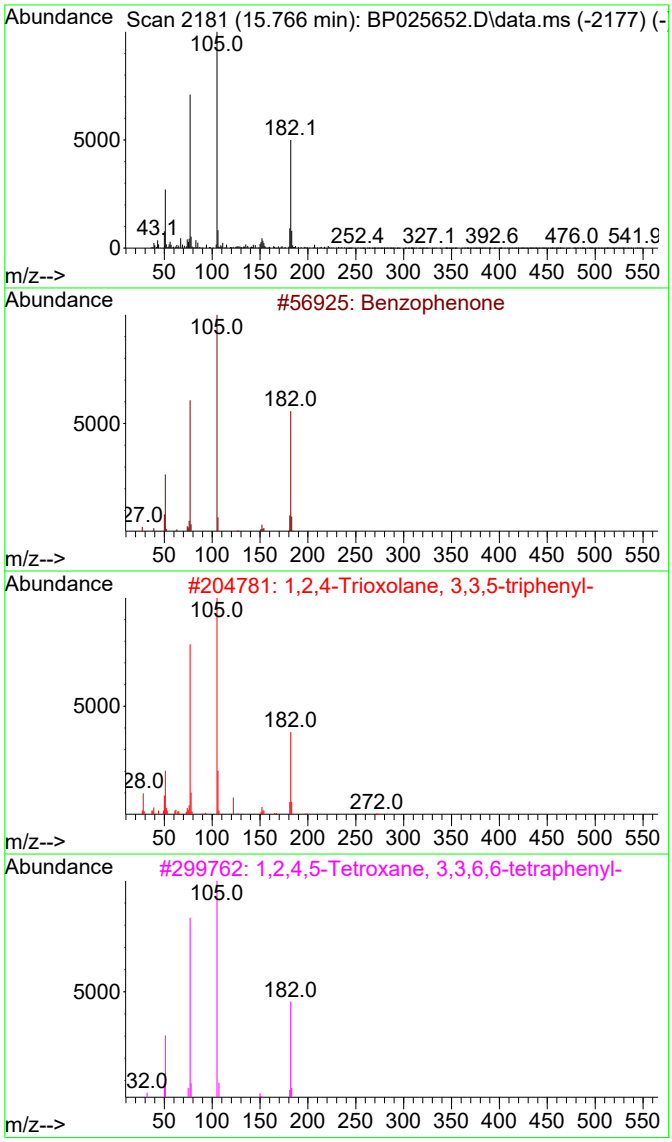
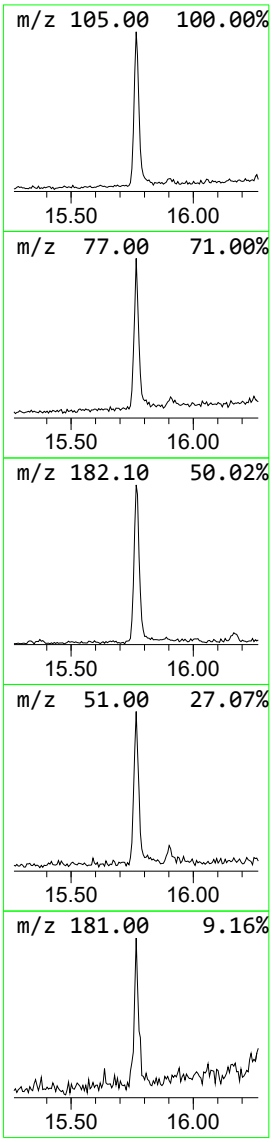
Peak Number 3 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.766	2.93 ng	205571	Acenaphthene-d10	14.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	74
3	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
4	Azobenzene, (E)-	182	C12H10N2	017082-12-1	53
5	Azobenzene	182	C12H10N2	000103-33-3	40





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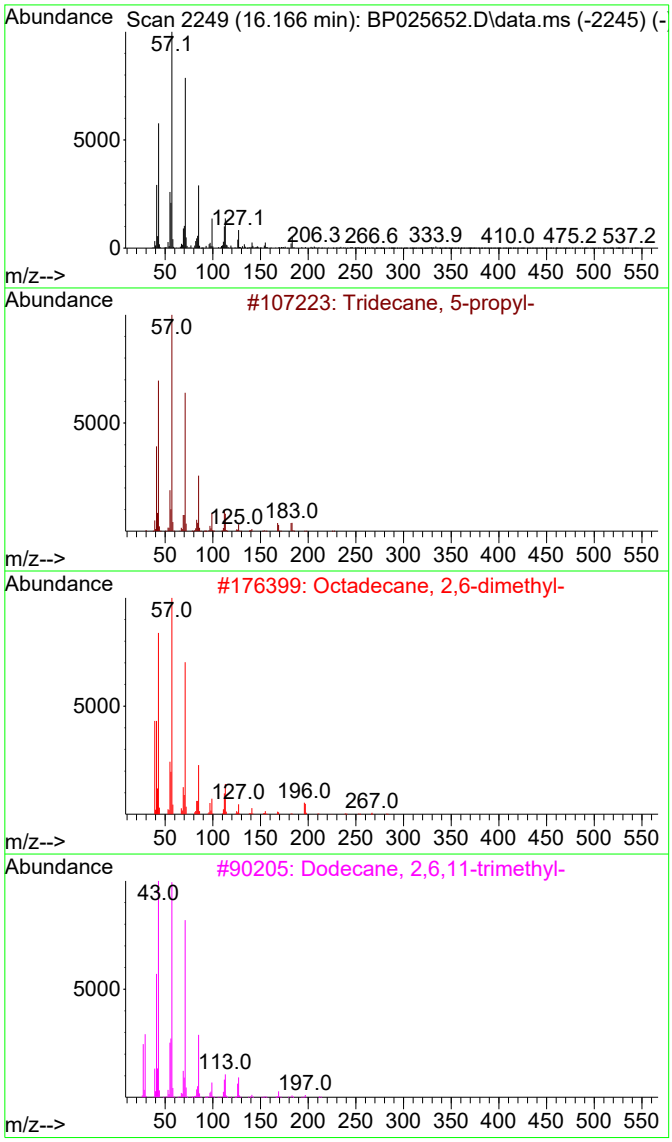
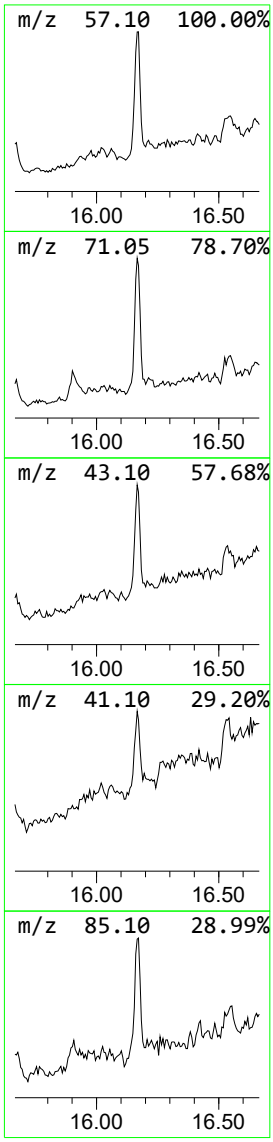
Peak Number 4 Tridecane, 5-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.166	3.53 ng	336183	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	90
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	81





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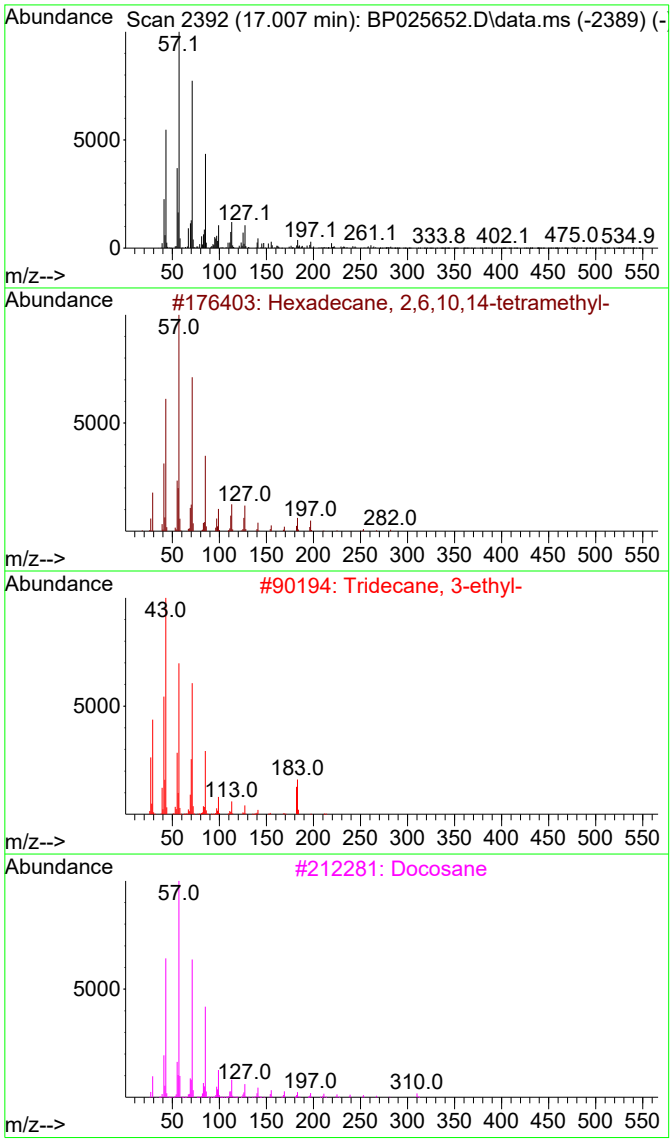
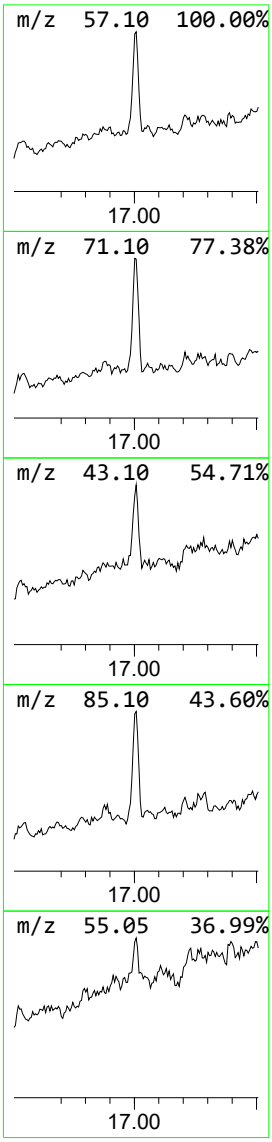
****
Peak Number 5 Hexadecane, 2,6,10,14-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.007	4.40 ng	418523	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	91
3	Docosane	310	C22H46	000629-97-0	90
4	Tritetracontane	605	C43H88	007098-21-7	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





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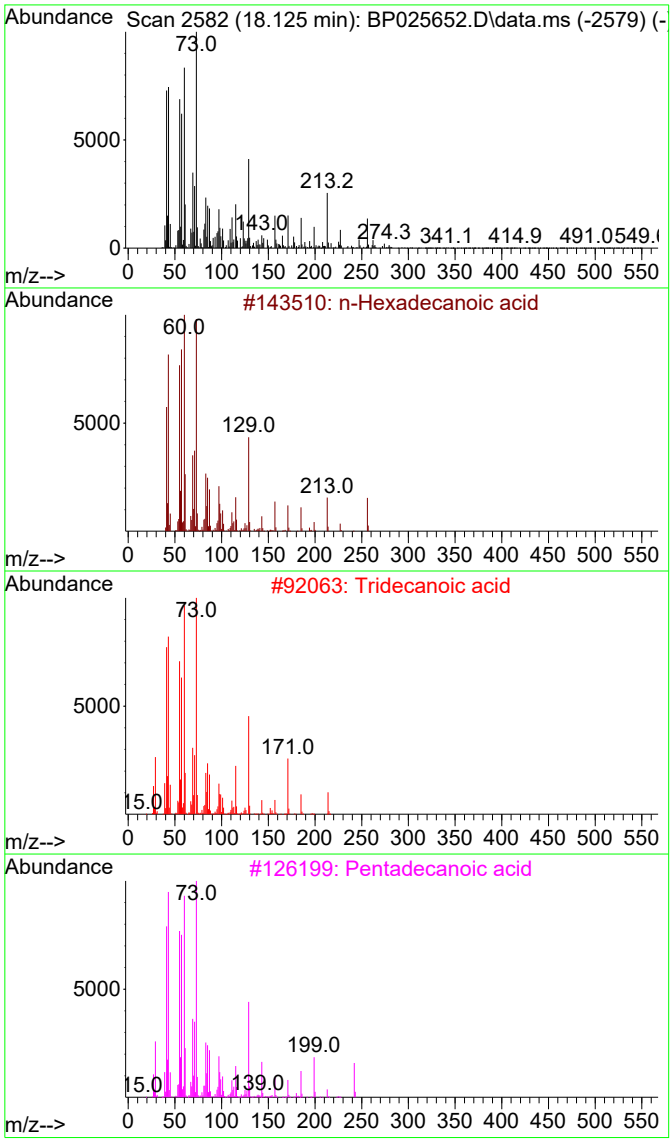
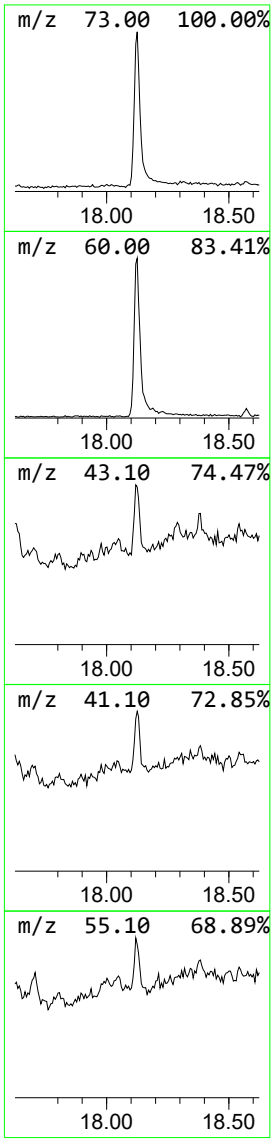
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.125	6.74 ng	641468	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	52





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
Butane, 2-metho...	3.025	24.3	ng	923761	1	7.772	758896	20.0
2-Pentanone, 4-...	4.931	7.5	ng	283337	1	7.772	758896	20.0
Benzophenone	15.766	2.9	ng	205571	3	14.396	1405260	20.0
Tridecane, 5-pr...	16.166	3.5	ng	336183	4	17.195	1903980	20.0
Hexadecane, 2,6...	17.007	4.4	ng	418523	4	17.195	1903980	20.0
n-Hexadecanoic ...	18.125	6.7	ng	641468	4	17.195	1903980	20.0