LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
Data File : BP025552.D
Acq On : 22 Aug 2025 16:58
Operator : CG/JU
Sample : Q2924-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-8A-082025

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: BP025552.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.031	11	16	33	rVB	4149412	5300960	47.80%	10.182%
2	4.937	334	340	350	rVB2	144571	214522	1.93%	0.412%
3	5.396	412	418	431	rBV	1534713	2366188	21.34%	4.545%
4	6.960	677	684	698	rBV	946041	1533400	13.83%	2.945%
5	7.778	815	823	831	rBV	693168	1051315	9.48%	2.019%
6	8.919	1008	1017	1032	rBV	2020513	3547057	31.99%	6.813%
7	10.543	1285	1293	1310	rBV	845057	1462980	13.19%	2.810%
8	13.001	1702	1711	1720	rBV	5101833	7729024	69.70%	14.845%
9	14.384	1940	1946	1954	rBV	1353592	1967372	17.74%	3.779%
10	15.766	2175	2181	2188	rBV	175968	260357	2.35%	0.500%
11	15.901	2196	2204	2223	rBV	4285095	6580211	59.34%	12.639%
12	17.183	2415	2422	2428	rBV2	1595595	2433114	21.94%	4.673%
13	18.125	2577	2582	2591	rBV	366449	599234	5.40%	1.151%
14	19.330	2783	2787	2793	rVB3	122274	179797	1.62%	0.345%
15	19.460	2806	2809	2816	rVB3	87923	129756	1.17%	0.249%
16	19.913	2881	2886	2891	rBV	8444870	11089524	100.00%	21.300%
17	20.460	2977	2979	2983	rBV3	131077	145892	1.32%	0.280%
18	21.630	3172	3178	3187	rVB	1503414	2821653	25.44%	5.420%
19	24.989	3741	3749	3758	rBV2	801275	2651258	23.91%	5.092%

Sum of corrected areas: 52063614

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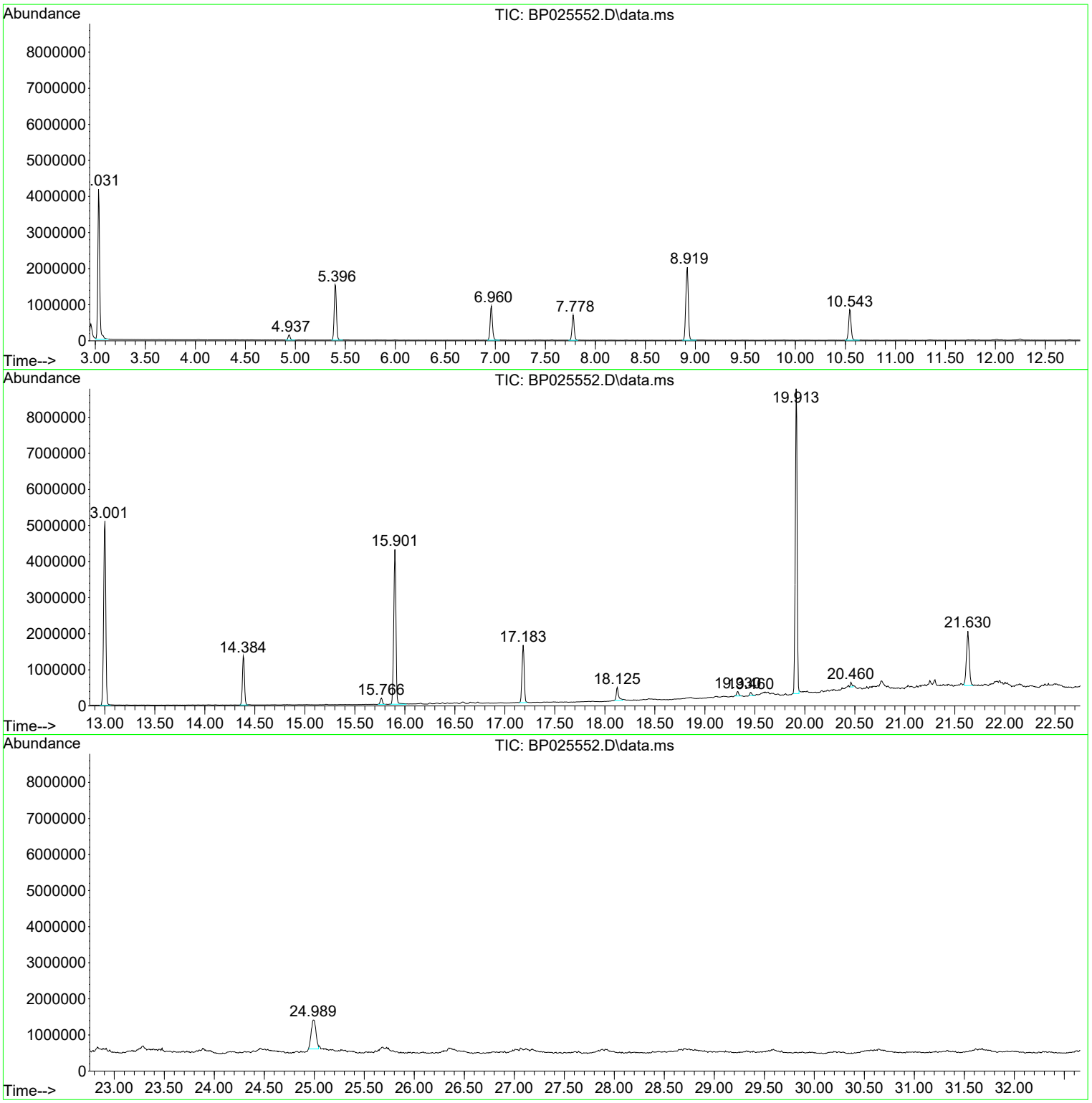
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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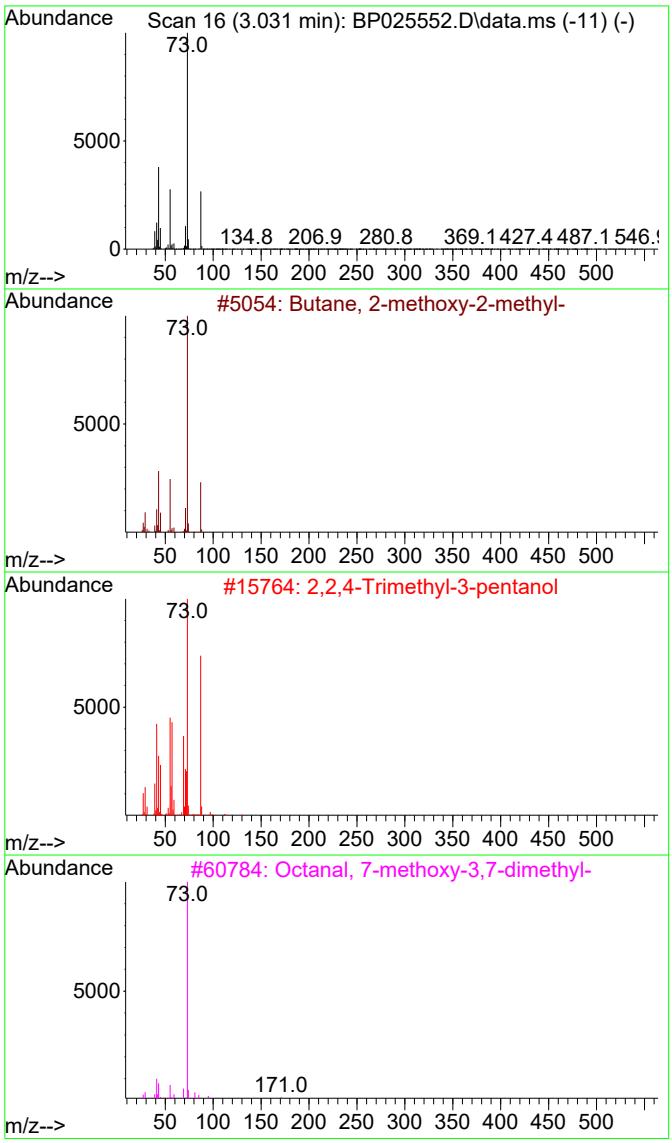
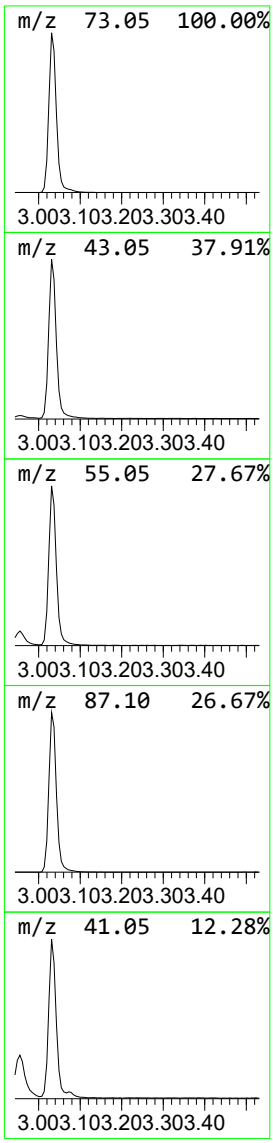
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	100.84 ng	5300960	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





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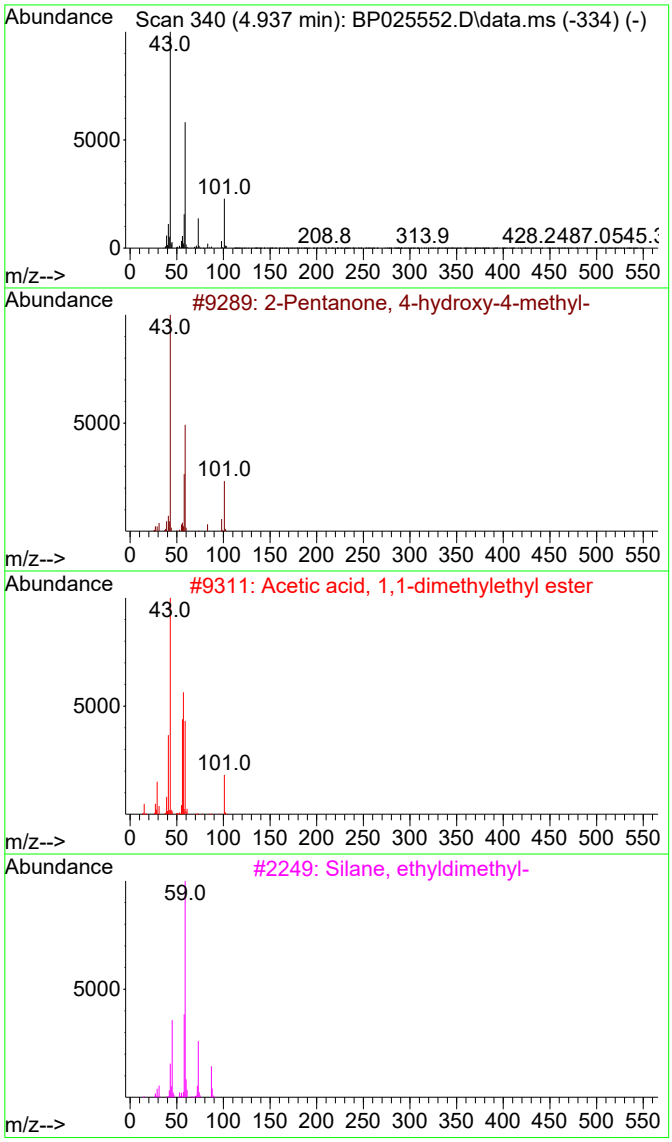
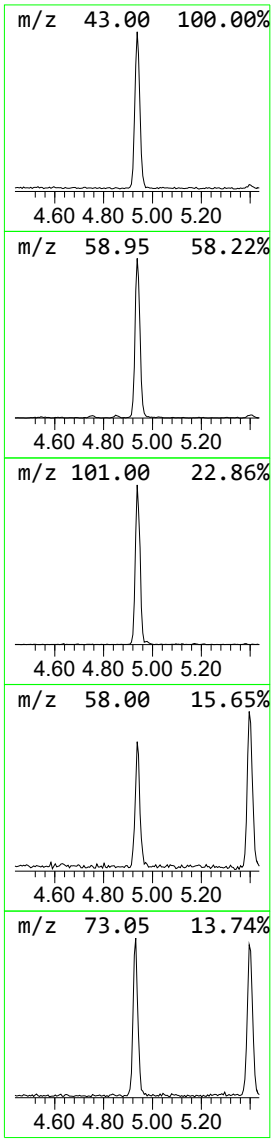
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.937	4.08 ng	214522	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	23
4	.alpha.-Hydroxyisobutyric acid, ...	146	C6H10O4	1000374-31-3	17
5	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	12





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Instrument :
BNA_P
ClientSampleId :
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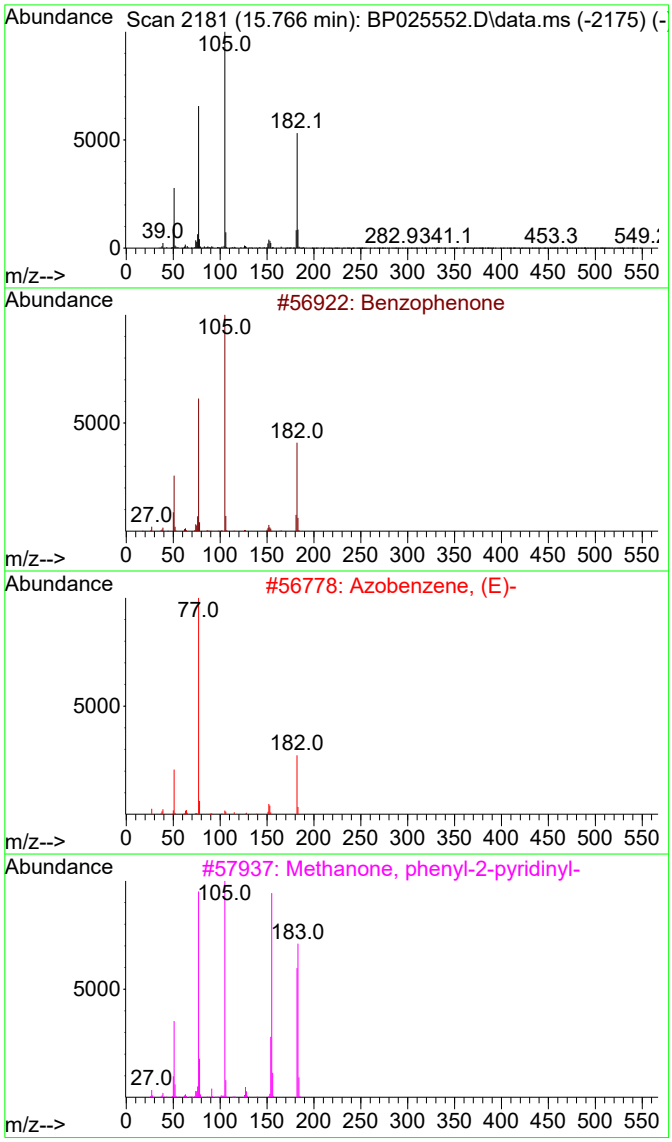
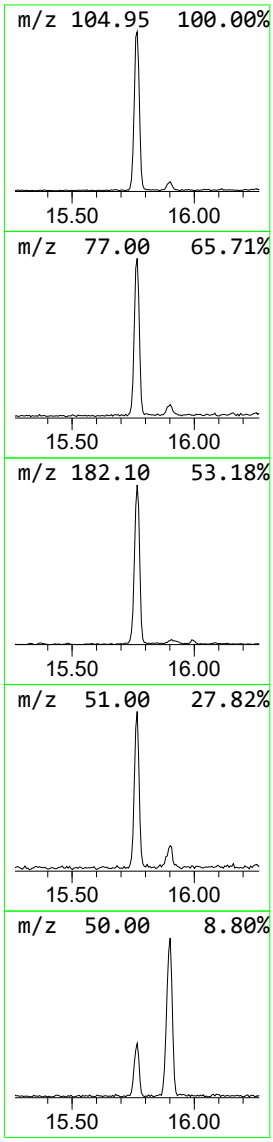
Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.766	2.65 ng	260357	Acenaphthene-d10	14.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	59
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
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	45





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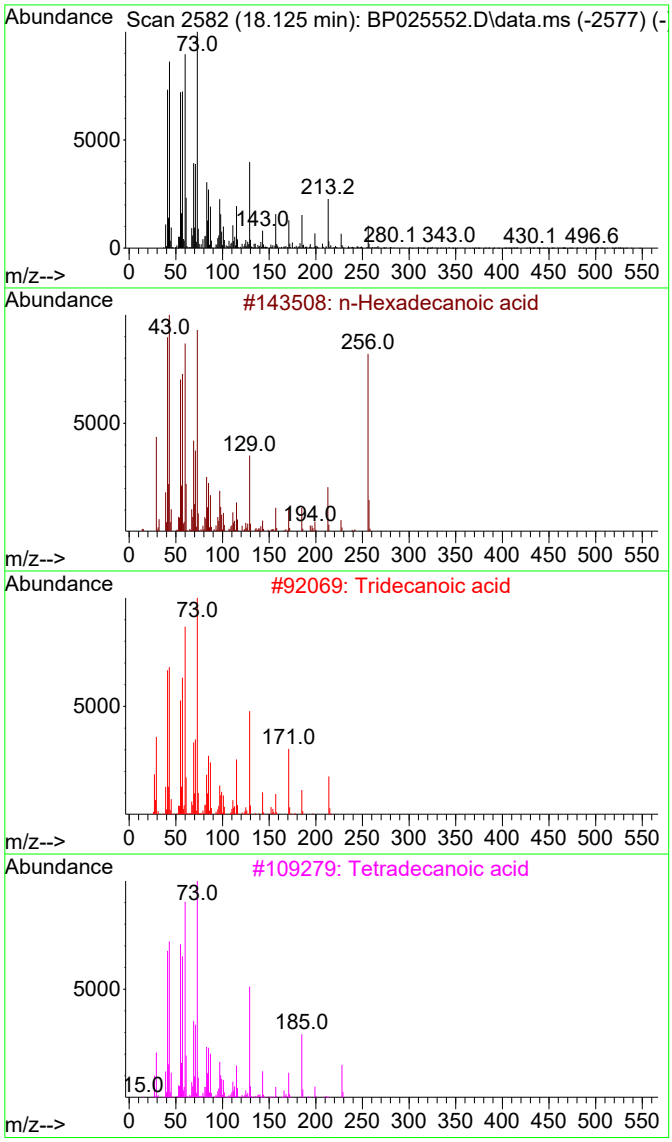
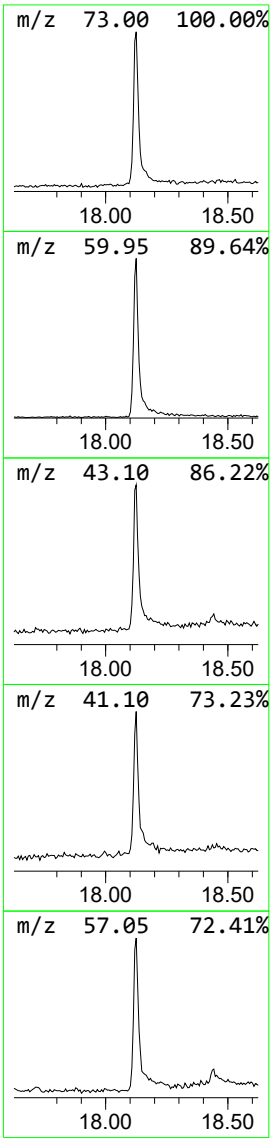
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.125	4.93 ng	599234	Phenanthrene-d10	17.183

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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...	3.031	100.8	ng	5300960	1	7.778	1051320	20.0
2-Pentanone, 4-...	4.937	4.1	ng	214522	1	7.778	1051320	20.0
Benzophenone	15.766	2.6	ng	260357	3	14.384	1967370	20.0
n-Hexadecanoic ...	18.125	4.9	ng	599234	4	17.183	2433110	20.0