LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
Data File : BP025478.D
Acq On : 19 Aug 2025 16:13
Operator : CG/JU
Sample : Q2815-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-11M-S

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: BP025478.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.037	12	17	37	rVB	3253940	3986228	31.31%	7.278%
2	3.561	102	106	115	rBV	135284	186788	1.47%	0.341%
3	4.943	335	341	348	rBV2	225129	321772	2.53%	0.587%
4	5.408	412	420	437	rBV	1906060	2903589	22.81%	5.301%
5	6.966	677	685	700	rBV	1437598	2358321	18.53%	4.306%
6	7.790	818	825	831	rBV	537917	847079	6.65%	1.547%
7	8.925	1010	1018	1034	rBV	1842546	3184720	25.02%	5.815%
8	10.554	1286	1295	1309	rBV	673766	1188739	9.34%	2.170%
9	13.019	1706	1714	1732	rBV	4812379	7229228	56.79%	13.199%
10	14.266	1921	1926	1939	rBV	174483	271822	2.14%	0.496%
11	14.413	1943	1951	1958	rBV	1077807	1624836	12.76%	2.967%
12	15.789	2178	2185	2192	rBV	543570	802113	6.30%	1.465%
13	15.919	2199	2207	2229	rBV	3876664	6122232	48.09%	11.178%
14	17.207	2420	2426	2434	rBV2	1560873	2127795	16.72%	3.885%
15	18.154	2580	2587	2594	rBV	866153	1328463	10.44%	2.426%
16	18.701	2675	2680	2689	rBV	111182	162408	1.28%	0.297%
17	19.466	2806	2810	2820	rBV	236020	374454	2.94%	0.684%
18	19.924	2881	2888	2899	rBV	8587728	12729563	100.00%	23.242%
19	21.313	3119	3124	3132	rBV2	658591	1072217	8.42%	1.958%
20	21.636	3174	3179	3186	rBV	1921029	2626550	20.63%	4.796%
21	21.907	3221	3225	3231	rVB2	152382	212030	1.67%	0.387%
22	22.554	3332	3335	3346	rVB2	125278	262090	2.06%	0.479%
23	25.007	3744	3752	3765	rVB	1208790	2846676	22.36%	5.198%

Sum of corrected areas: 54769713

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081925\
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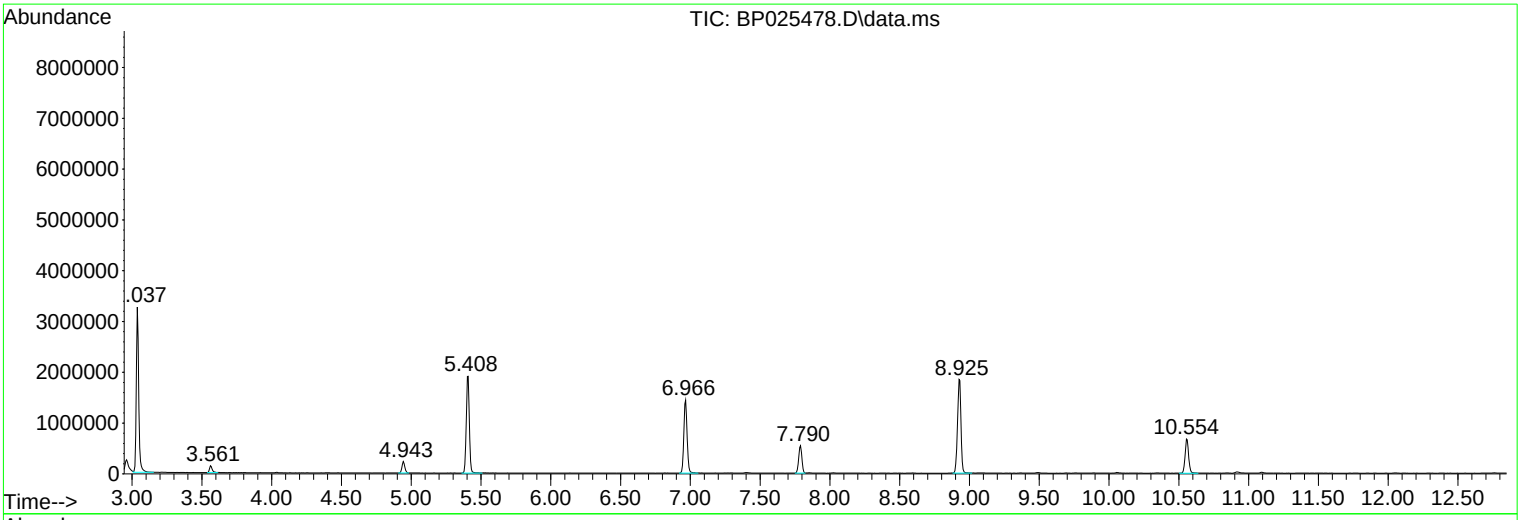
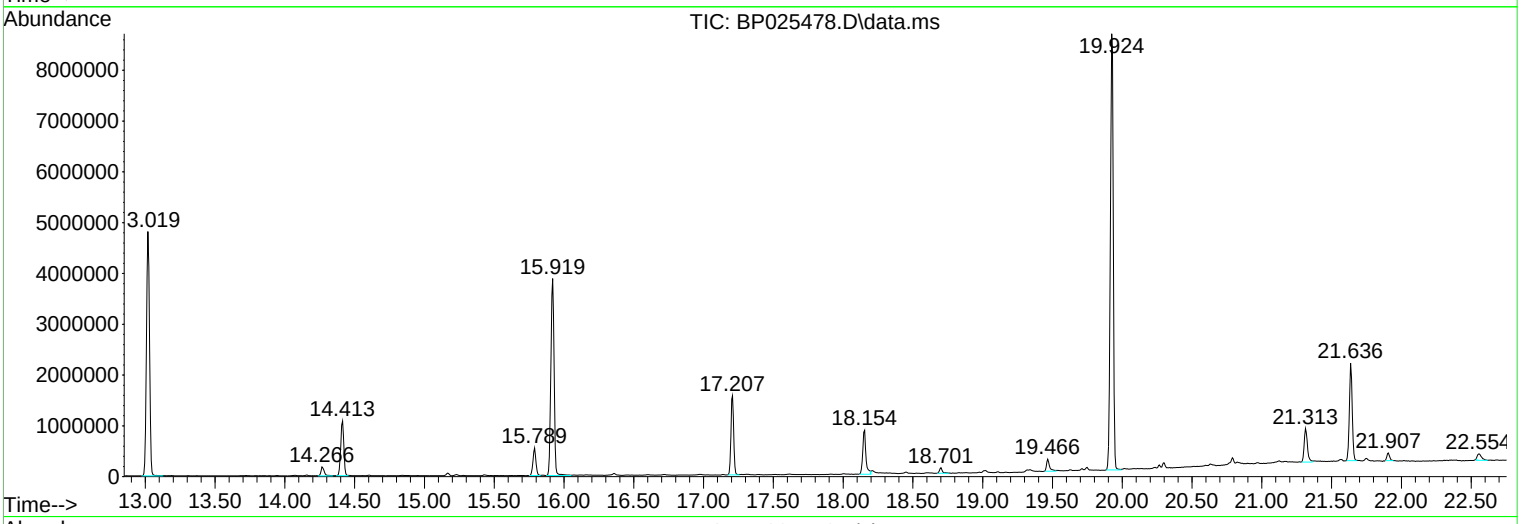
Misc :
ALS Vial : 10 Sample Multiplier: 1

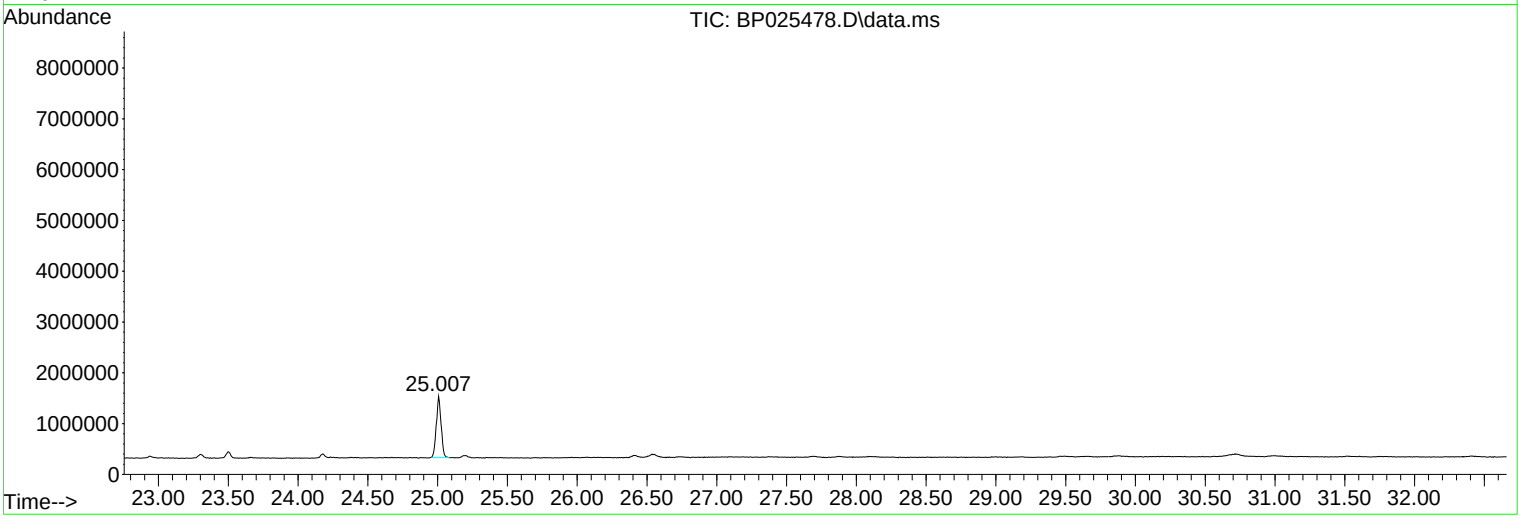
Instrument :
BNA_P
ClientSampleId :
TW-11M-S

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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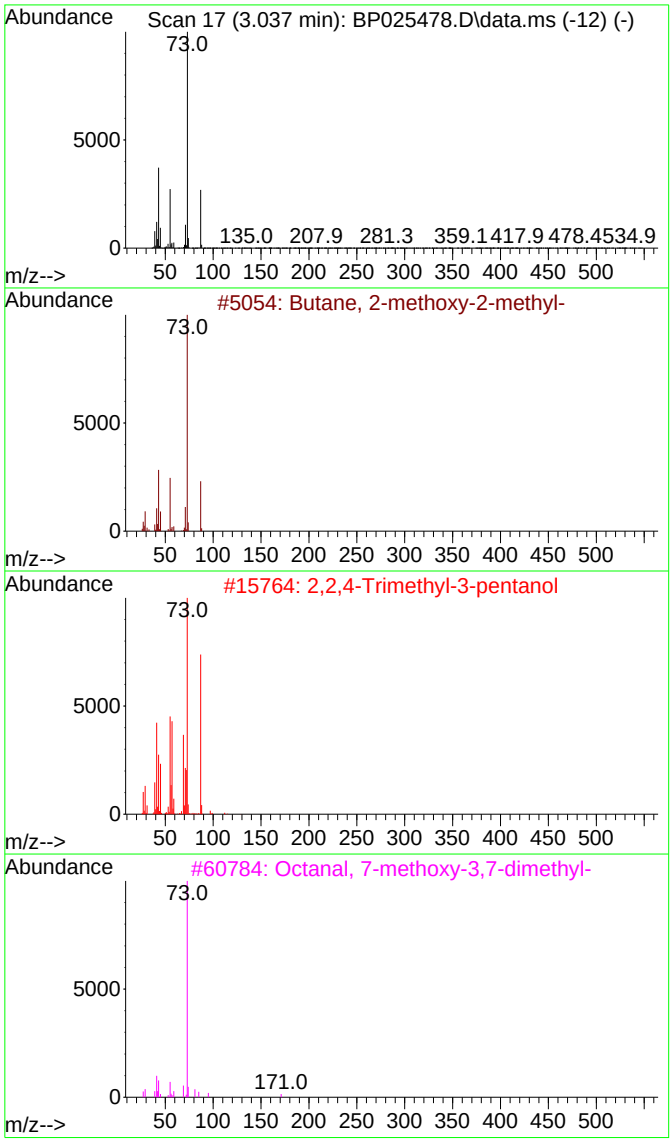
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

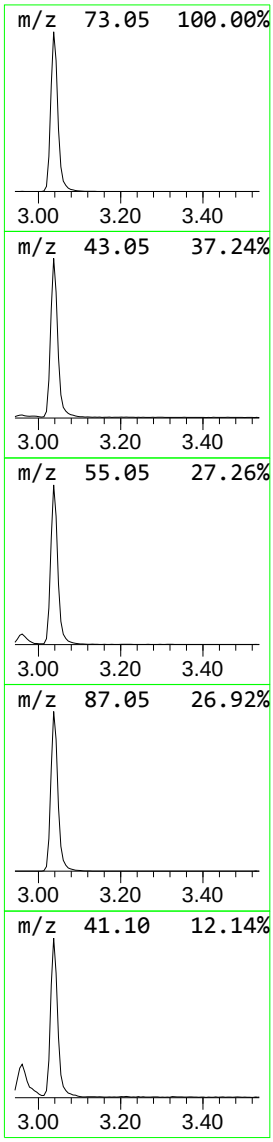
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	94.12 ng	3986230	1,4-Dichlorobenzene-d4	7.790

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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Data File : BP025478.D
Acq On : 19 Aug 2025 16:13
Operator : CG/JU
Sample : Q2815-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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
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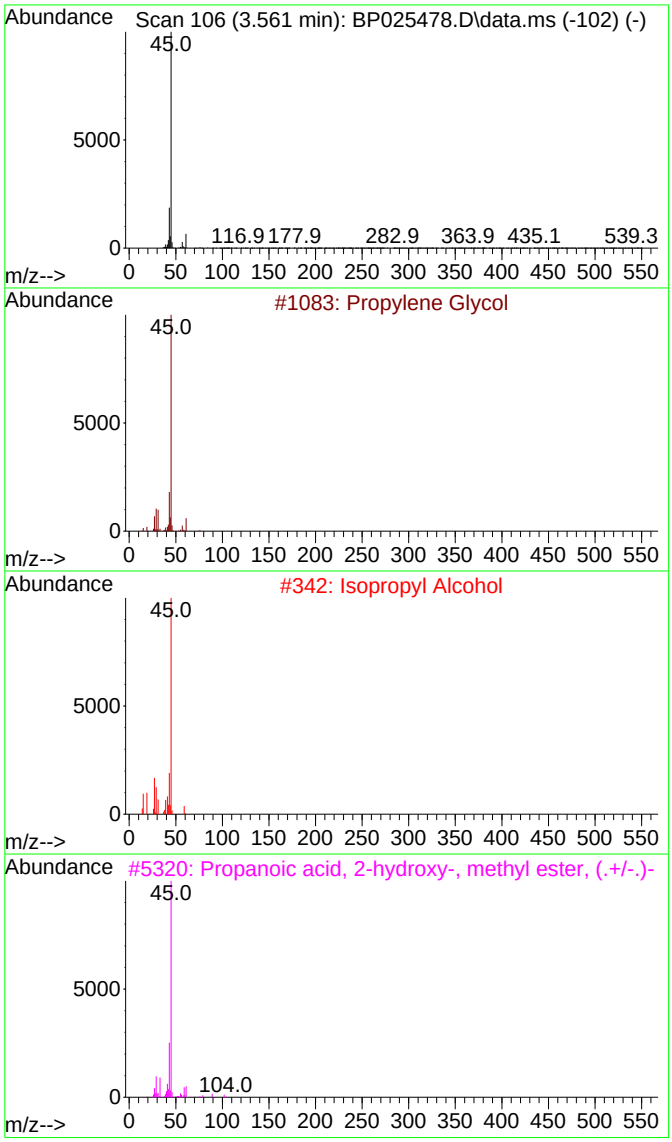
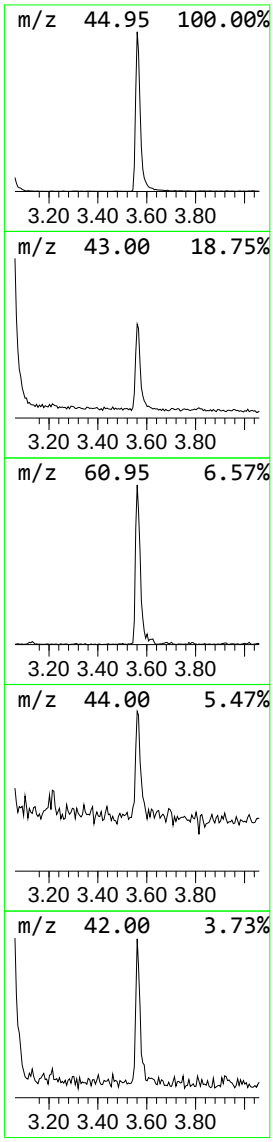
****

Peak Number 2 Propylene Glycol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.561	4.41 ng	186788	1,4-Dichlorobenzene-d4	7.790

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	90
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
3	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
4	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	37
5	2-Pentanol	88	C5H12O	006032-29-7	9





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Misc :
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Instrument :
BNA_P
ClientSampleId :
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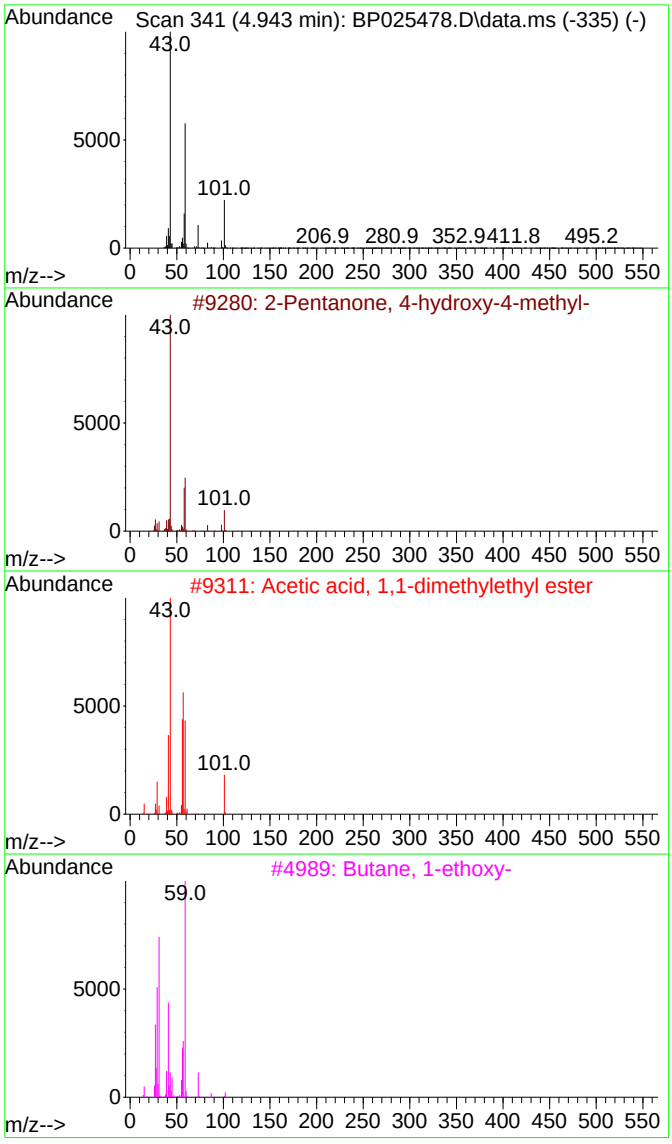
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

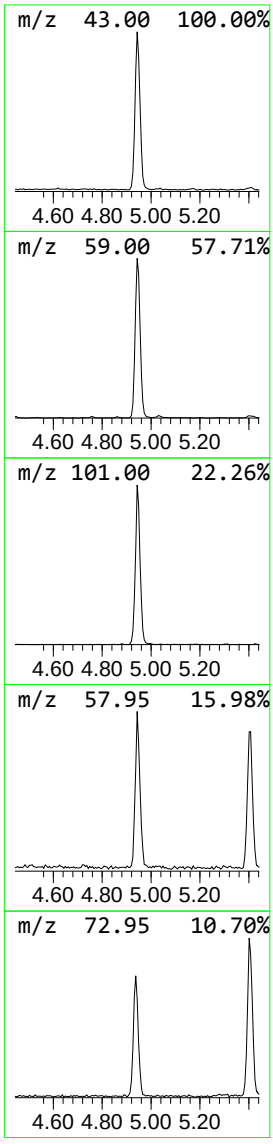
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.943	7.60 ng	321772	1,4-Dichlorobenzene-d4	7.790

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	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	32
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	17
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	16





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Sample : Q2815-22
Misc :
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Instrument :
BNA_P
ClientSampleId :
TW-11M-S

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
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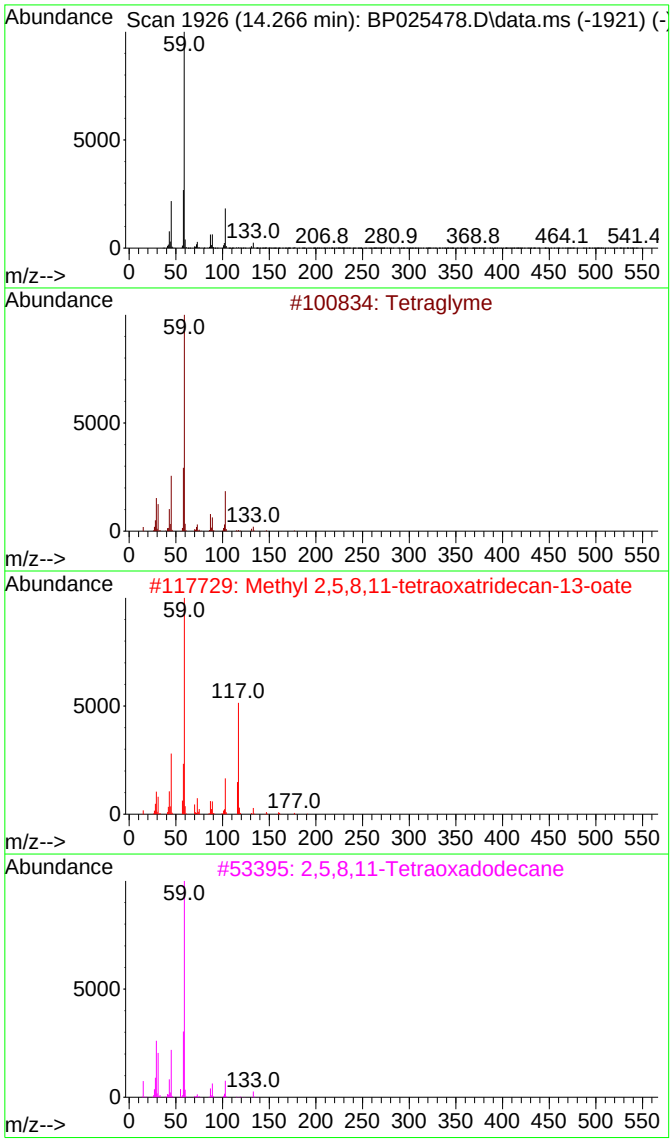
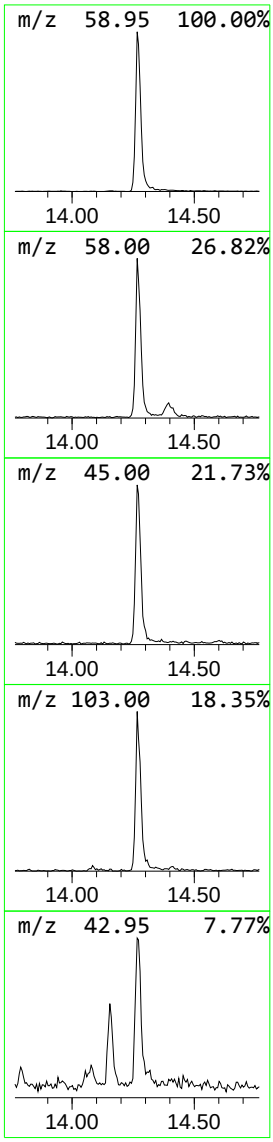
****

Peak Number 4 Tetraglyme Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.266	3.35 ng	271822	Acenaphthene-d10	14.413

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetraglyme	222	C10H22O5	000143-24-8	91
2	Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	83
3	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	74
4	Methyl 2,5,8,11,14-pentaoxahexad...	280	C12H24O7	1000366-81-5	72
5	Methyl 2,5,8,11,14,17-hexaoxanon...	324	C14H28O8	1000366-81-4	56





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Operator : CG/JU
Sample : Q2815-22
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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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
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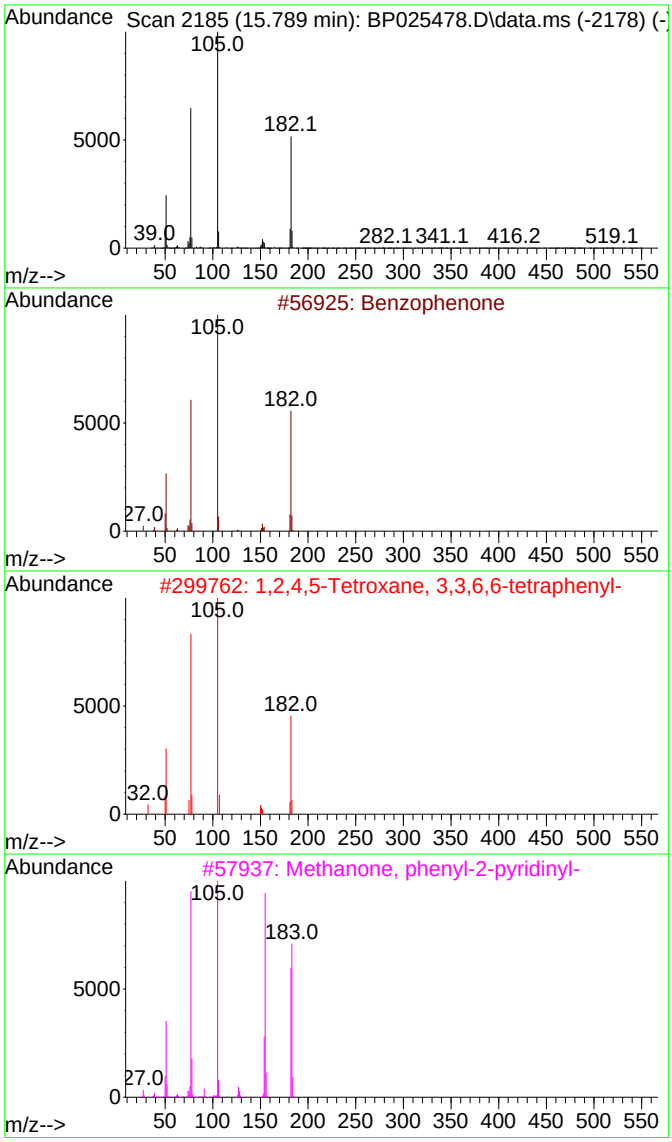
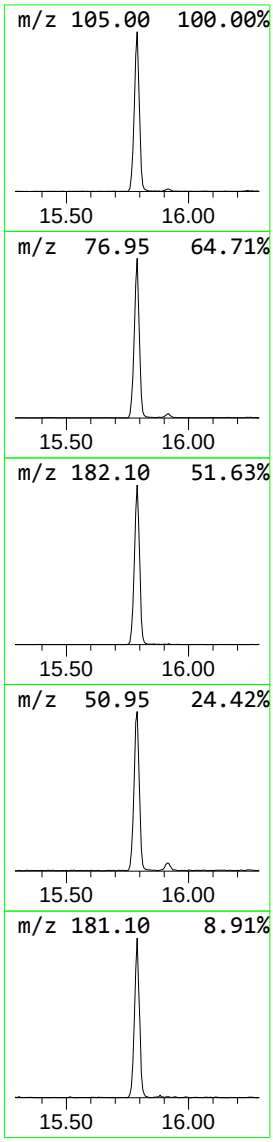
****

Peak Number 5 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.789	9.87 ng	802113	Acenaphthene-d10	14.413

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	64
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	50
4	Azobenzene	182	C12H10N2	000103-33-3	45
5	Azobenzene, (E)-	182	C12H10N2	017082-12-1	42





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
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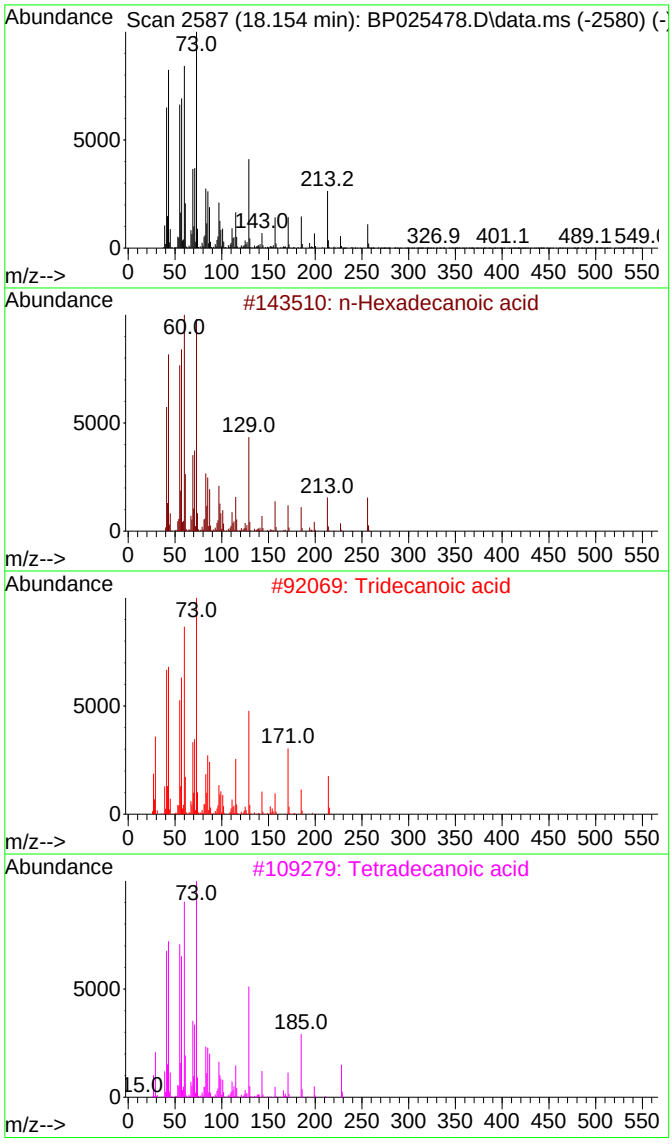
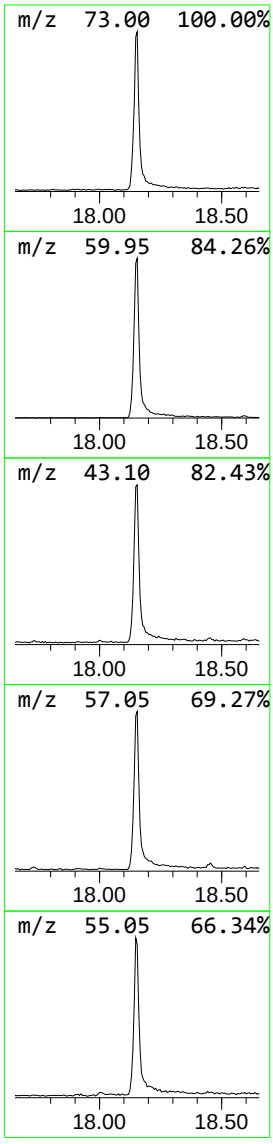
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.154	12.49 ng	1328460	Phenanthrene-d10	17.207

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	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Undecanoic acid	186	C11H22O2	000112-37-8	68





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

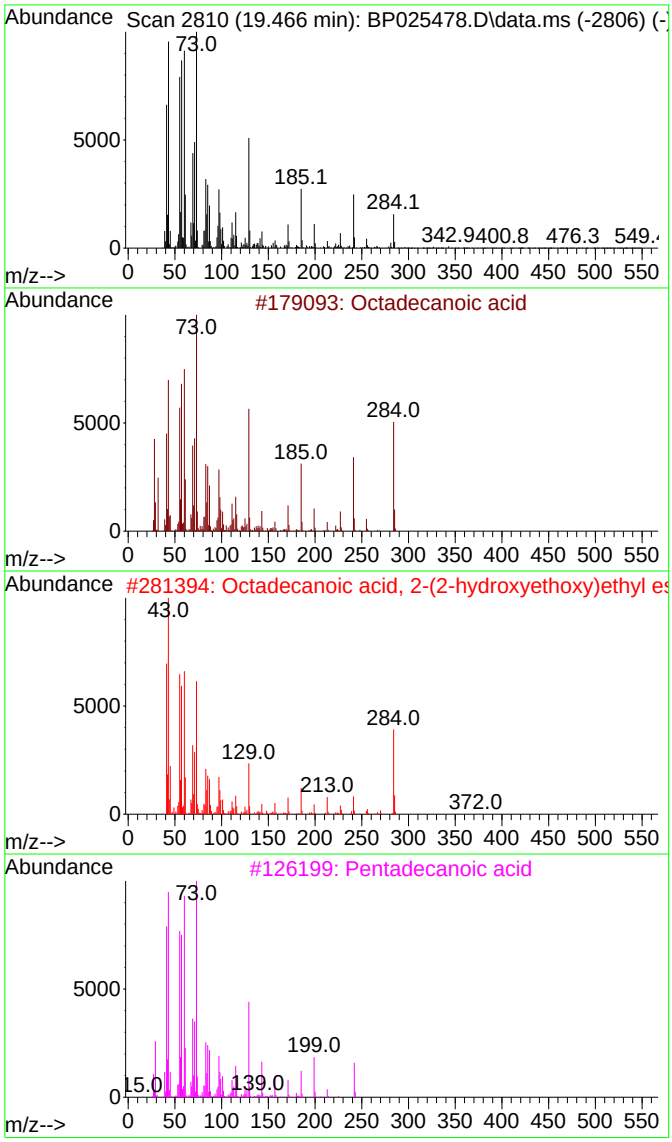
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

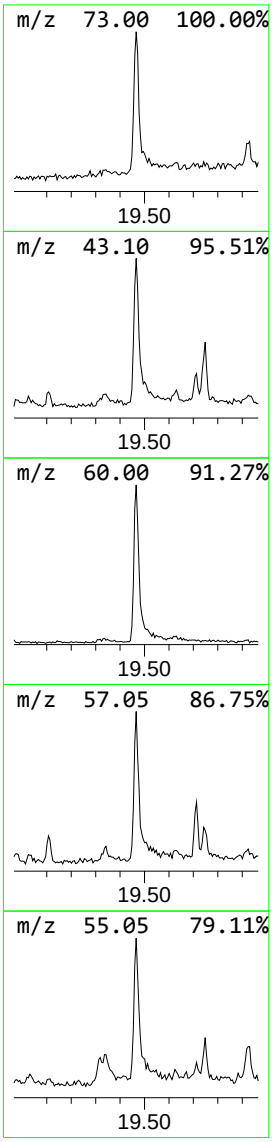
****

Peak Number 7 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.466	2.85 ng	374454	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





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TIC Library : C:\Database\NIST20.L
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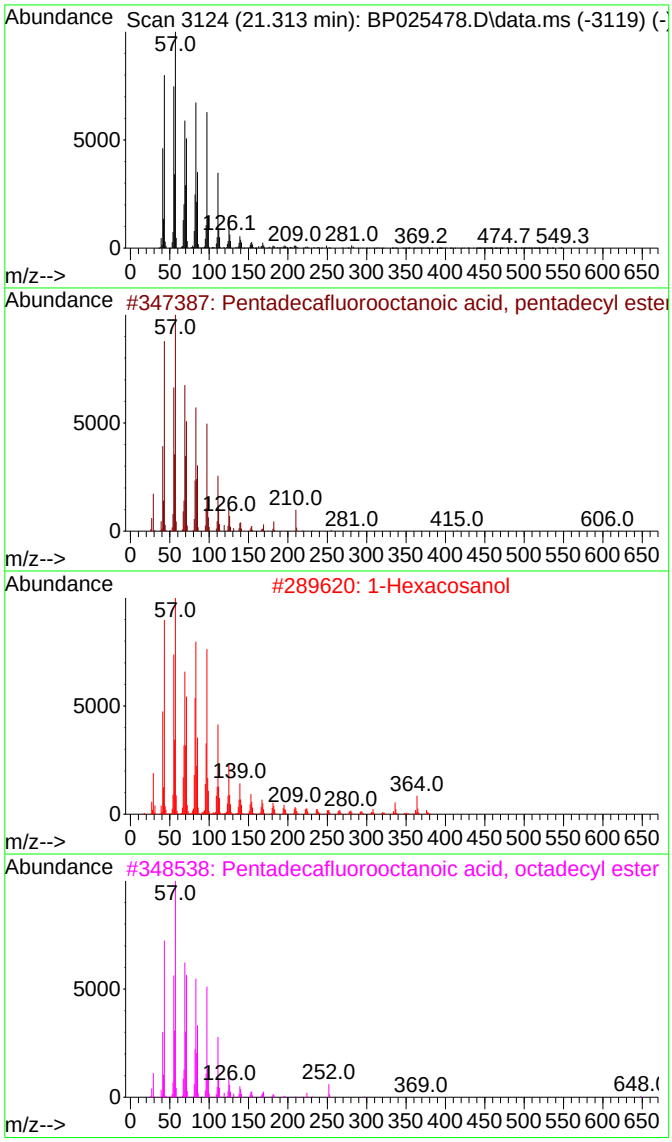
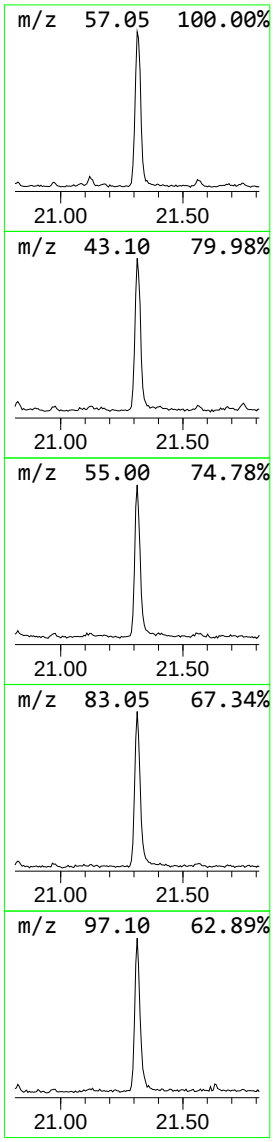
****
Peak Number 8 Pentadecafluorooctanoic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.313	8.16 ng	1072220	Chrysene-d12	21.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, pe...	624	C23H31F15O2	1000406-04-5	94
2	1-Hexacosanol	382	C26H54O	000506-52-5	94
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	1-Hexacosene	364	C26H52	018835-33-1	94





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...	3.037	94.1	ng	3986230	1	7.790	847079	20.0
Propylene Glycol	3.561	4.4	ng	186788	1	7.790	847079	20.0
2-Pentanone, 4-...	4.943	7.6	ng	321772	1	7.790	847079	20.0
Tetraglyme	14.266	3.4	ng	271822	3	14.413	1624840	20.0
Benzophenone	15.789	9.9	ng	802113	3	14.413	1624840	20.0
n-Hexadecanoic ...	18.154	12.5	ng	1328460	4	17.207	2127800	20.0
Octadecanoic acid	19.466	2.9	ng	374454	5	21.636	2626550	20.0
Pentadecafluoro...	21.313	8.2	ng	1072220	5	21.636	2626550	20.0