LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025458.D
Acq On : 18 Aug 2025 12:47
Operator : CG/JU
Sample : Q2864-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LAW-25-122-126

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: BP025458.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	33	rVB	2363930	3186929	41.30%	7.809%
2	4.943	334	341	347	rBV	110054	155222	2.01%	0.380%
3	5.408	413	420	427	rBV	1065855	1609676	20.86%	3.944%
4	6.961	677	684	692	rBV	630409	1036257	13.43%	2.539%
5	7.390	752	757	764	rBV	111152	153606	1.99%	0.376%
6	7.784	816	824	831	rBV	514106	769553	9.97%	1.886%
7	8.925	1010	1018	1027	rBV	1403911	2421035	31.38%	5.932%
8	10.555	1288	1295	1302	rBV	593059	1007918	13.06%	2.470%
9	10.919	1351	1357	1362	rBV2	59043	102254	1.33%	0.251%
10	12.578	1632	1639	1646	rVB	77061	119170	1.54%	0.292%
11	13.013	1706	1713	1721	rBV	3100302	4956998	64.25%	12.146%
12	13.760	1823	1840	1846	rBV	514618	1788111	23.18%	4.382%
13	14.401	1941	1949	1955	rBV	939912	1302373	16.88%	3.191%
14	15.778	2178	2183	2185	rBV2	200119	282668	3.66%	0.693%
15	15.807	2185	2188	2195	rVB	464017	657702	8.52%	1.612%
16	15.907	2198	2205	2212	rBV	2758772	4159289	53.91%	10.192%
17	16.095	2233	2237	2242	rBV	66065	106163	1.38%	0.260%
18	16.913	2372	2376	2380	rBV	93468	125022	1.62%	0.306%
19	16.989	2384	2389	2394	rVB	185831	268647	3.48%	0.658%
20	17.195	2419	2424	2430	rVB2	1160723	1485065	19.25%	3.639%
21	17.513	2473	2478	2484	rVB2	163616	267146	3.46%	0.655%
22	17.601	2487	2493	2501	rVB3	130842	246914	3.20%	0.605%
23	17.901	2539	2544	2556	rVB	351231	506837	6.57%	1.242%
24	18.001	2557	2561	2570	rVB8	70359	117339	1.52%	0.288%
25	18.136	2580	2584	2592	rBV2	470644	796944	10.33%	1.953%
26	18.560	2651	2656	2660	rBV	137719	193099	2.50%	0.473%
27	19.460	2806	2809	2821	rBV2	174224	261735	3.39%	0.641%
28	19.919	2881	2887	2893	rBV	5496147	7715615	100.00%	18.906%
29	20.642	3006	3010	3018	rVB	850631	965383	12.51%	2.366%
30	21.625	3172	3177	3186	rVB	1339759	1872309	24.27%	4.588%
31	24.989	3741	3749	3760	rVB	731491	2173121	28.17%	5.325%

Sum of corrected areas: 40810100

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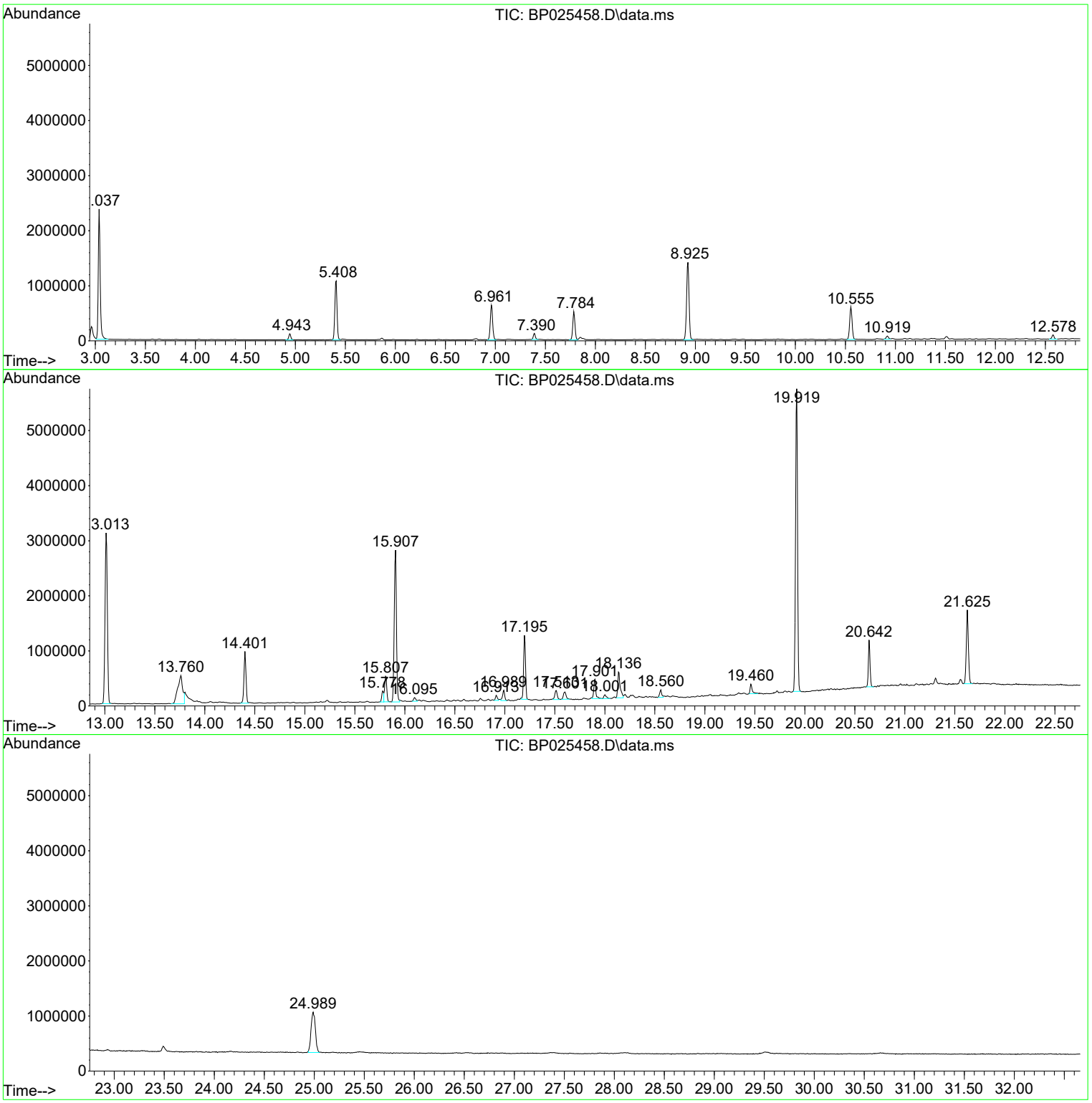
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LAW-25-122-126

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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Data File : BP025458.D
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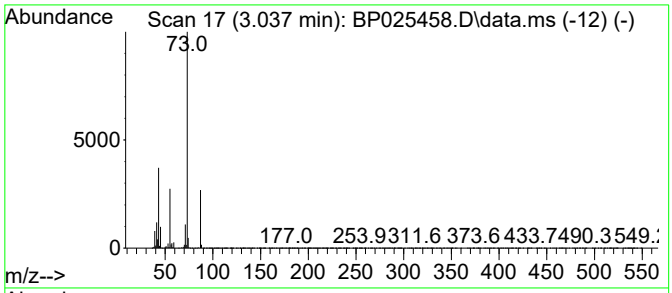
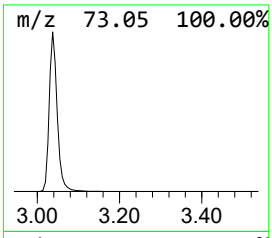
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

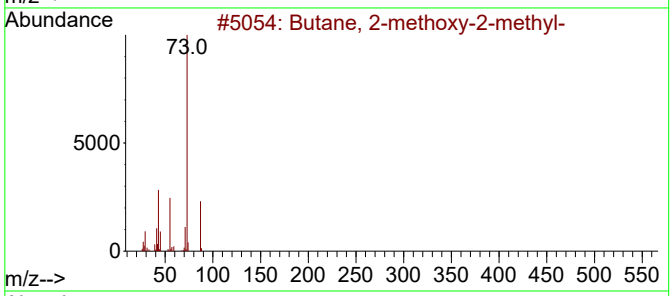
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

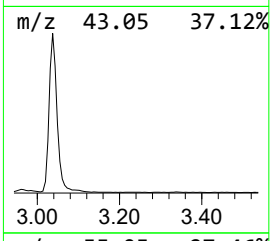
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	82.83 ng	3186930	1,4-Dichlorobenzene-d4	7.784

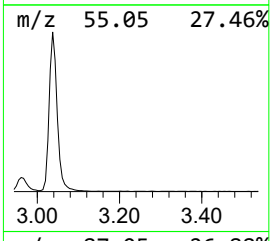
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5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

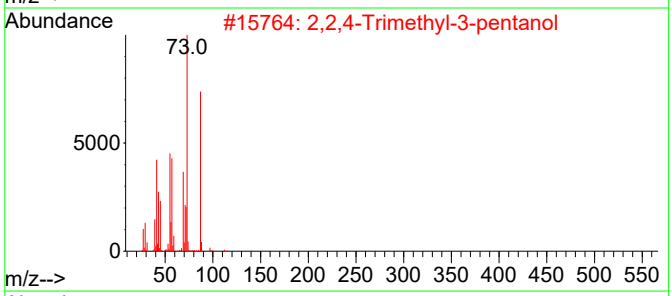


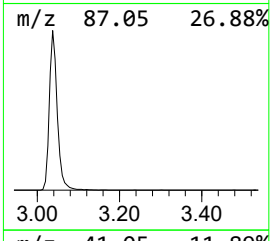


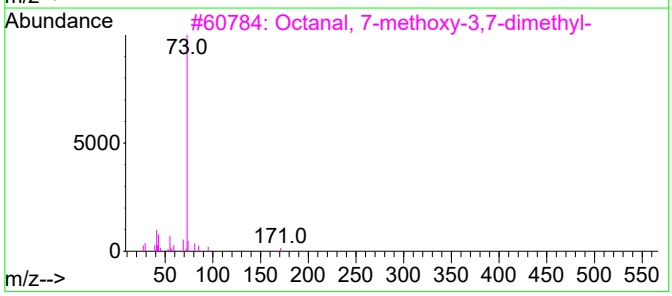


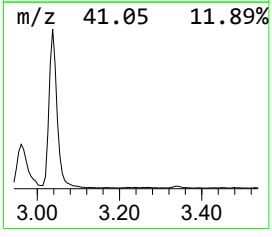












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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LAW-25-122-126

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

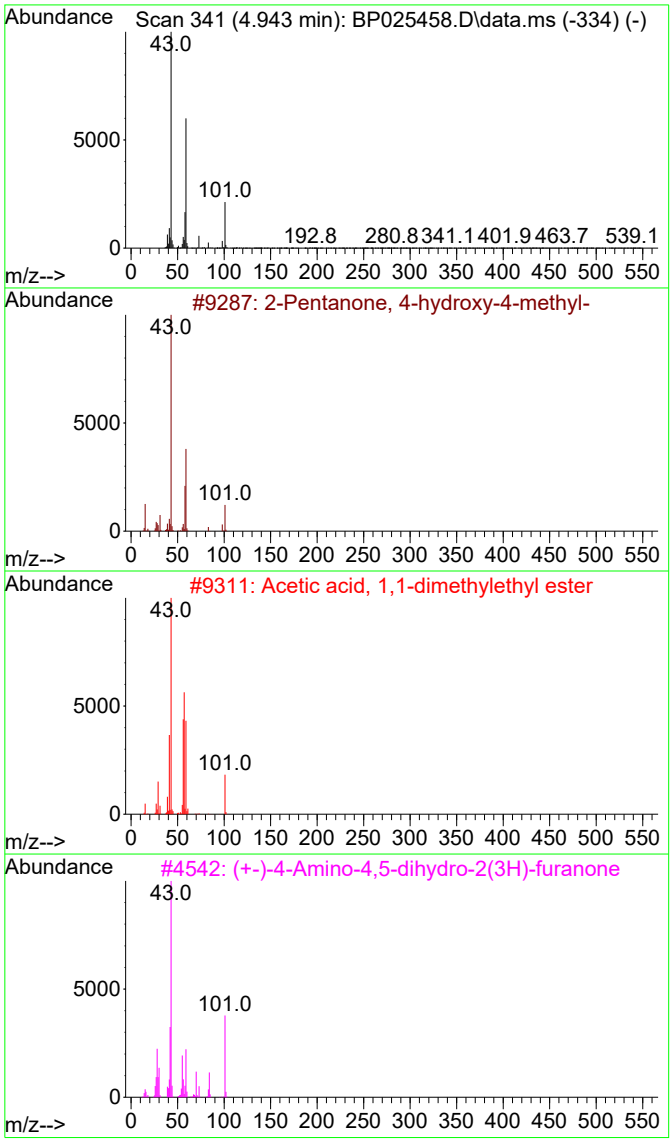
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

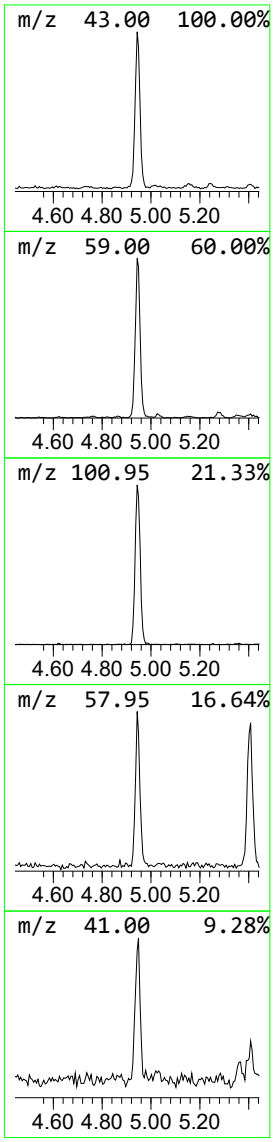
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.943	4.03 ng	155222	1,4-Dichlorobenzene-d4	7.784

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	25
4	2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	25
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
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Instrument :
BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

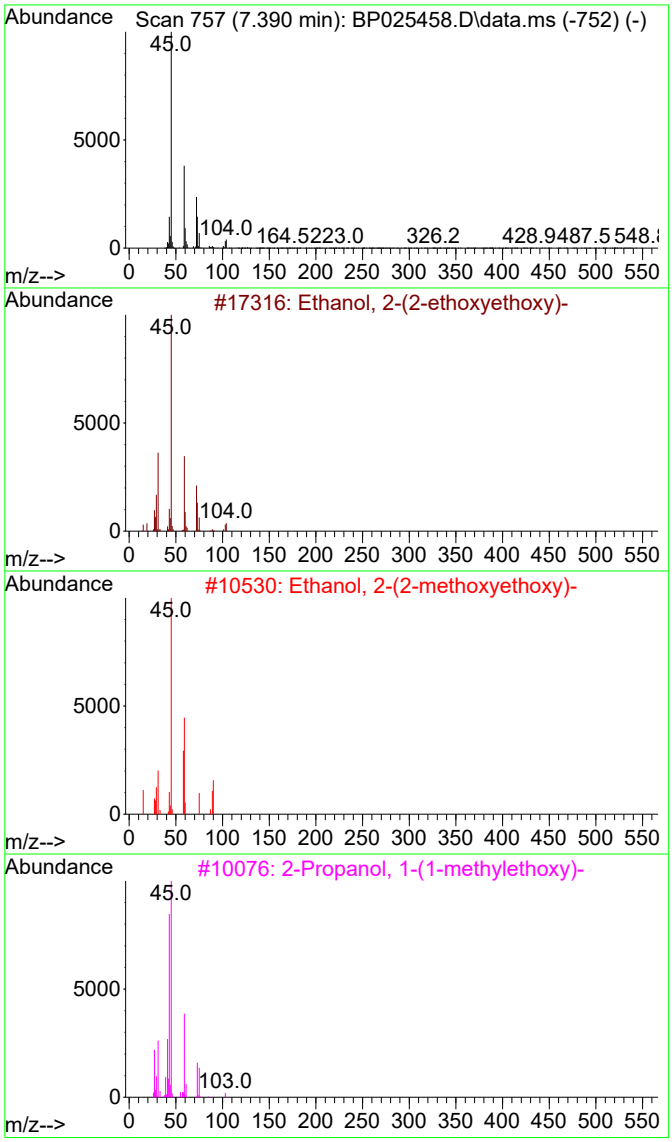
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

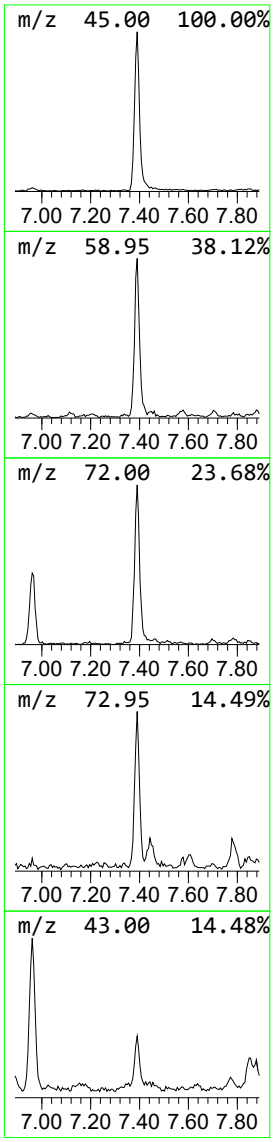
****

Peak Number 3 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.390	3.99 ng	153606	1,4-Dichlorobenzene-d4	7.784

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	59
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38
4	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	38
5	Carbonic acid, dimethyl ester	90	C3H6O3	000616-38-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
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Sample : Q2864-01
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ALS Vial : 5 Sample Multiplier: 1

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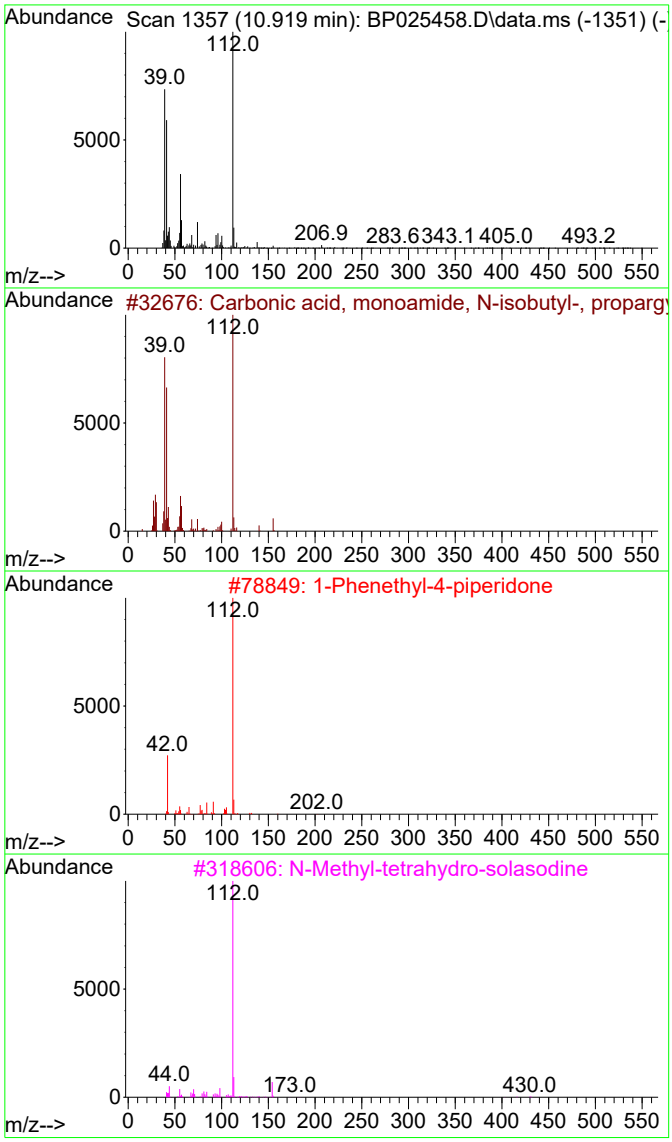
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

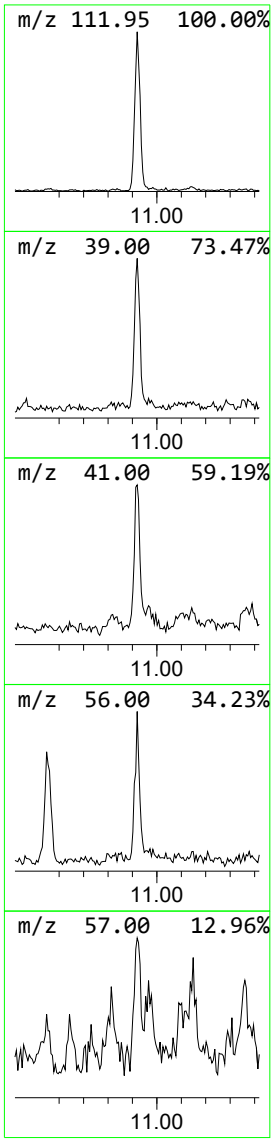
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Carbonic acid, monoamide, N... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.919	2.03 ng	102254	Naphthalene-d8	10.555

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, monoamide, N-isob...	155	C8H13NO2	1000420-25-2	64
2	1-Phenethyl-4-piperidone	203	C13H17NO	039742-60-4	47
3	N-Methyl-tetrahydro-solasodine	431	C28H49NO2	1000256-11-3	38
4	4-Bromo-5-[(2-hexahydroazepinoet...	356	C16H25BrN2O2	1000255-72-8	33
5	4-fluoro-a-Pyrrolidinobutiophenone	235	C14H18FNO	1373918-67-2	33





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

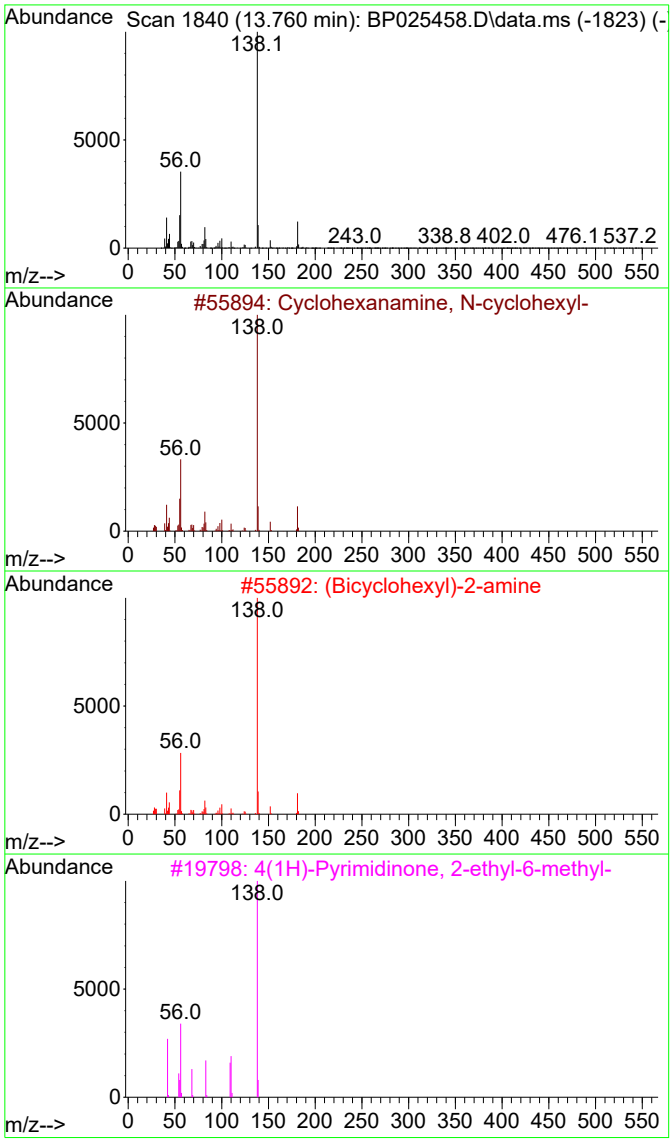
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

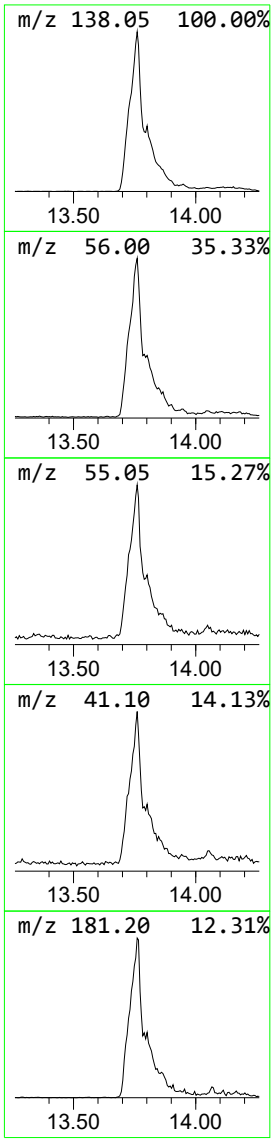
****

Peak Number 5 Cyclohexanamine, N-cyclohexyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.760	27.46 ng	1788110	Acenaphthene-d10	14.401

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	96
2	(Bicyclohexyl)-2-amine	181	C12H23N	006283-14-3	96
3	4(1H)-Pyrimidinone, 2-ethyl-6-me...	138	C7H10N2O	016858-50-7	59
4	1-Penten-3-one, 4-methyl-1-(1-pi...	181	C11H19NO	013606-83-2	53
5	Gephyrotoxin 181b	181	C12H23N	120030-08-2	53





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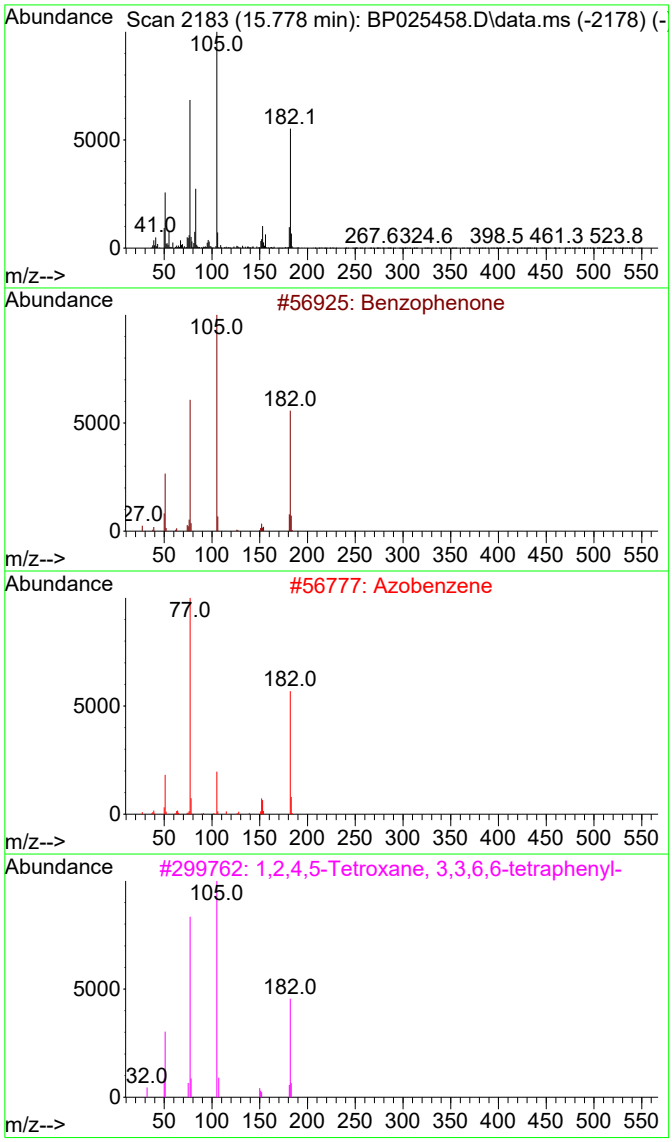
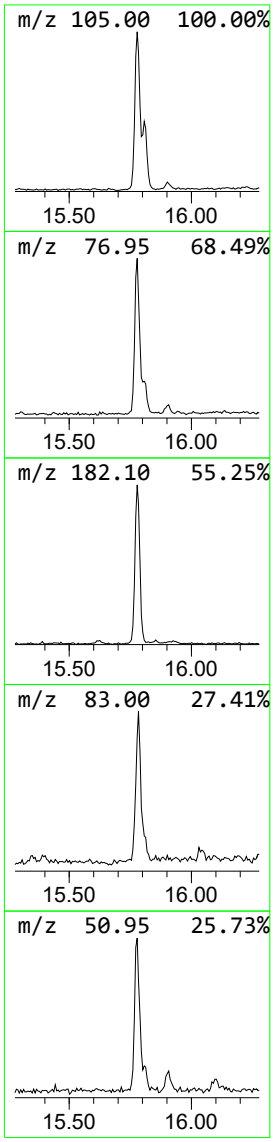
****

Peak Number 6 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.778	4.34 ng	282668	Acenaphthene-d10	14.401

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Azobenzene	182	C12H10N2	000103-33-3	50
3	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	42
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	32
5	Benzo[b]selenophene	182	C8H6Se	000272-30-0	22





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BNA_P
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

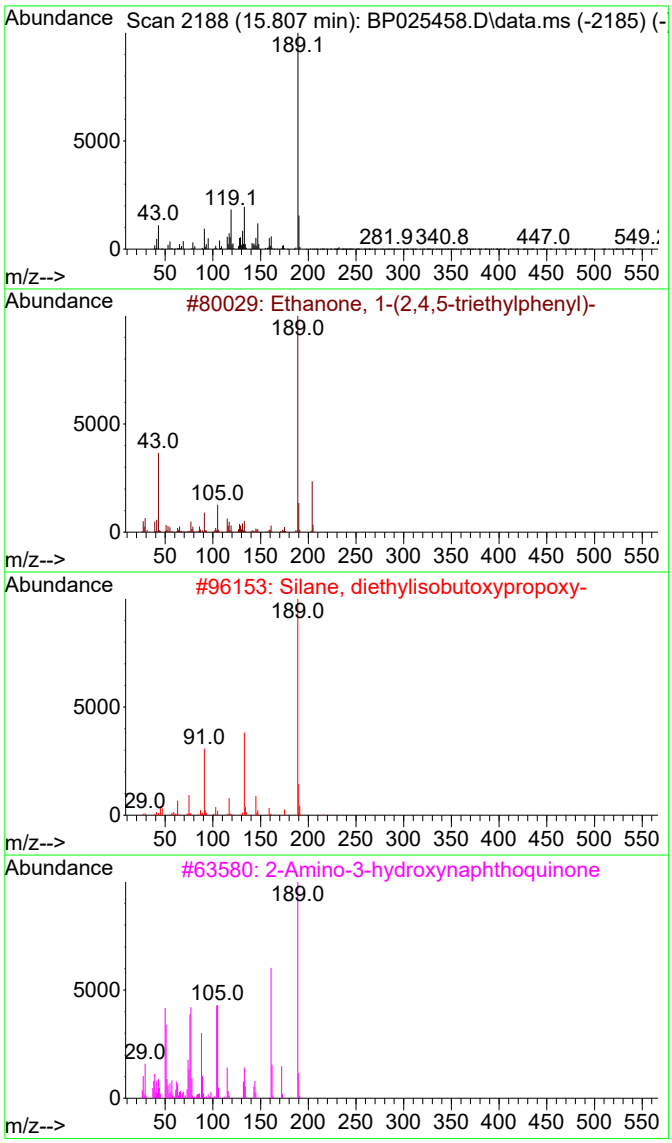
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

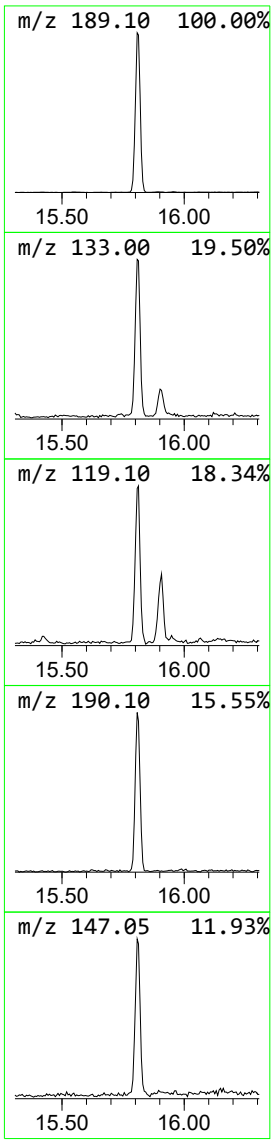
****

Peak Number 7 Ethanone, 1-(2,4,5-triethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.807	8.86 ng	657702	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,4,5-triethylphenyl)-	204	C14H20O	002715-54-0	59
2	Silane, diethylisobutoxypropoxy-	218	C11H26O2Si	1000363-05-7	59
3	2-Amino-3-hydroxynaphthoquinone	189	C10H7NO3	022158-41-4	53
4	3H-1,3,4-Benzotriazepin-2-one, 1...	189	C10H11N3O	105999-05-1	53
5	Silane, diethylethoxy(3-methylbu...	218	C11H26O2Si	1000362-99-0	50





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Misc :
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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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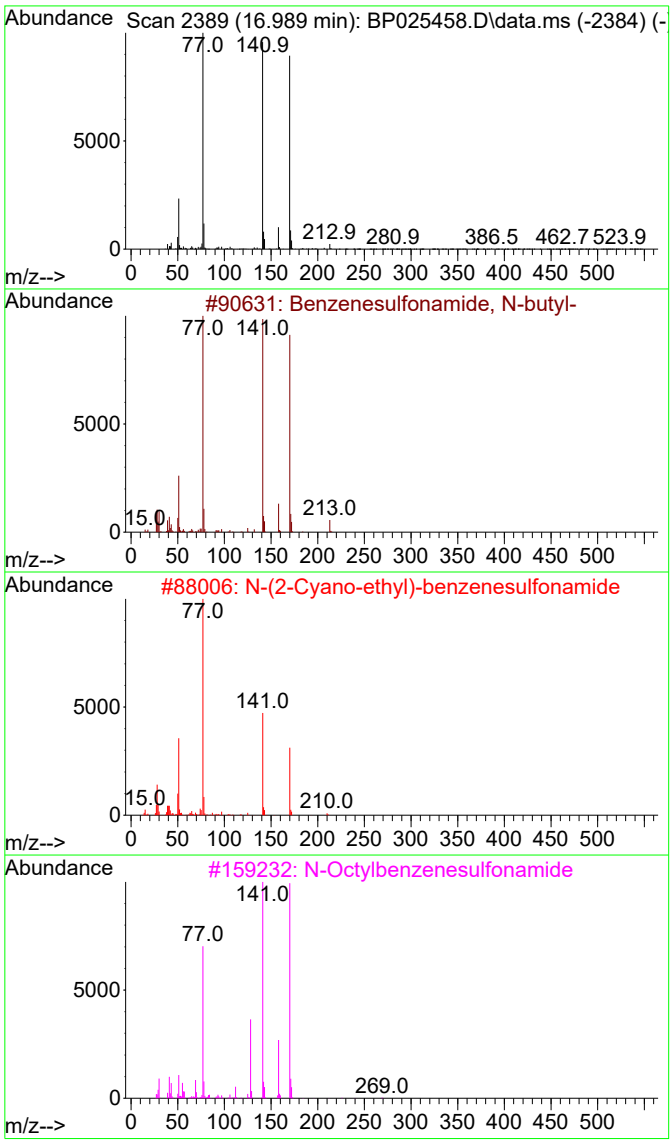
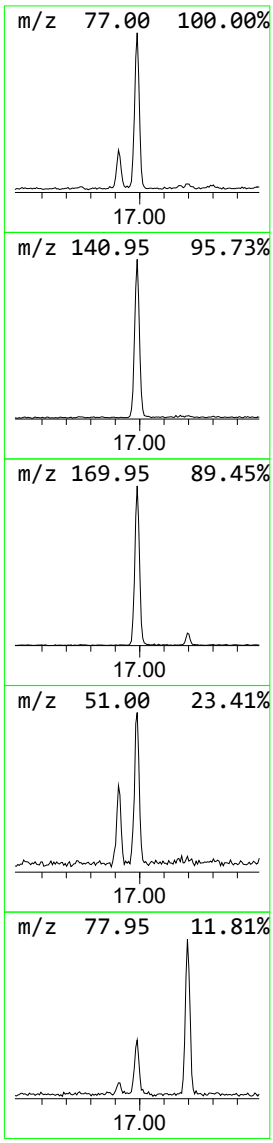
****

Peak Number 8 Benzenesulfonamide, N-butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.990	3.62 ng	268647	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	90
2	N-(2-Cyano-ethyl)-benzenesulfona...	210	C9H10N2O2S	002619-21-8	74
3	N-Octylbenzenesulfonamide	269	C14H23NO2S	016358-32-0	64
4	2-propenoic acid, 2-methyl-, 2-[...	269	C12H15NO4S	1000401-71-8	64
5	Piperidine-2-carboxylic acid, 1-...	365	C14H14F3NO5S	1000303-17-6	50





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Data File : BP025458.D
Acq On : 18 Aug 2025 12:47
Operator : CG/JU
Sample : Q2864-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LAW-25-122-126

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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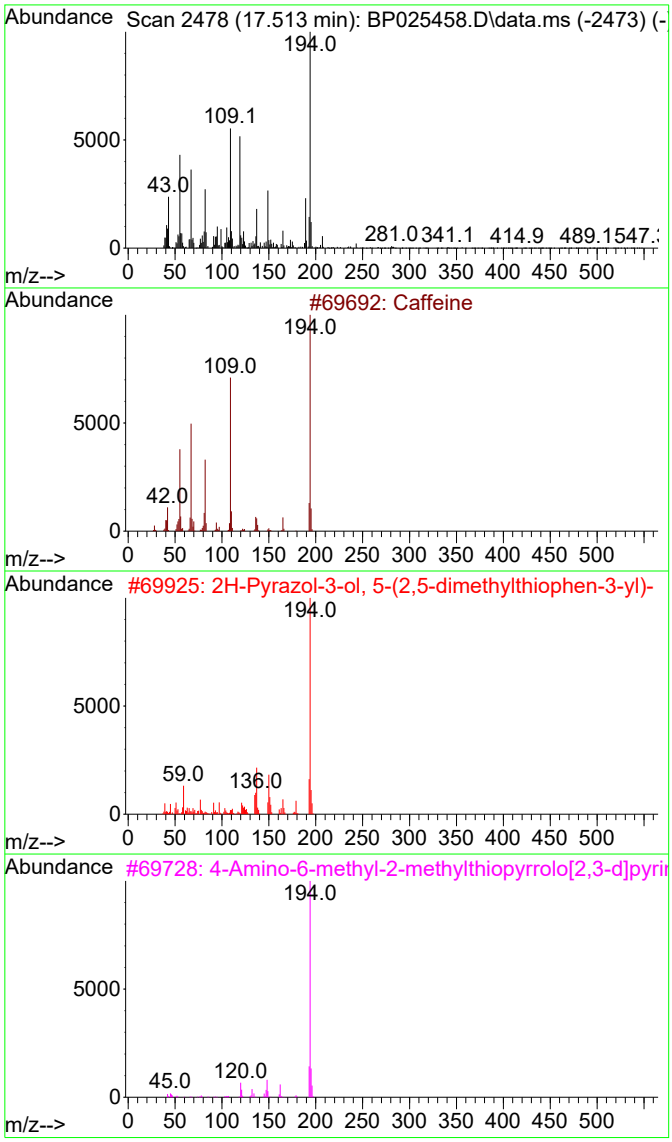
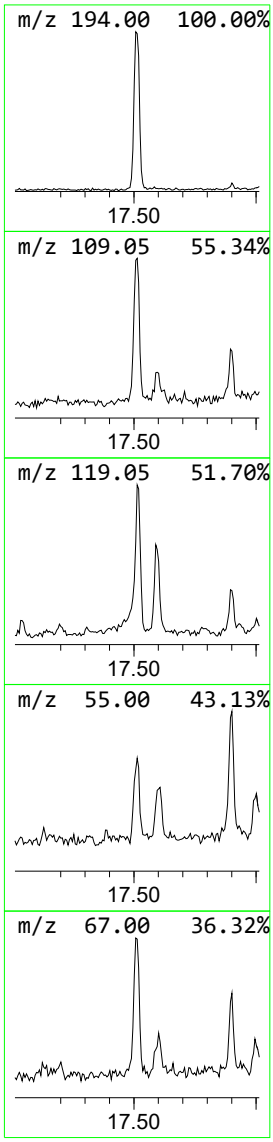
Peak Number 9 Caffeine Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.513	3.60 ng	267146	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caffeine	194	C8H10N4O2	000058-08-2	90
2	2H-Pyrazol-3-ol, 5-(2,5-dimethyl...	194	C9H10N2OS	1000304-22-5	41
3	4-Amino-6-methyl-2-methylthiopyr...	194	C8H10N4S	097337-20-7	30
4	7-(Methylthio)pyrimido[4,5-d]pyr...	194	C7H6N4OS	091996-86-0	27
5	2-Propenoic acid, 3-(4-hydroxy-3...	194	C10H10O4	001135-24-6	27





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Sample : Q2864-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LAW-25-122-126

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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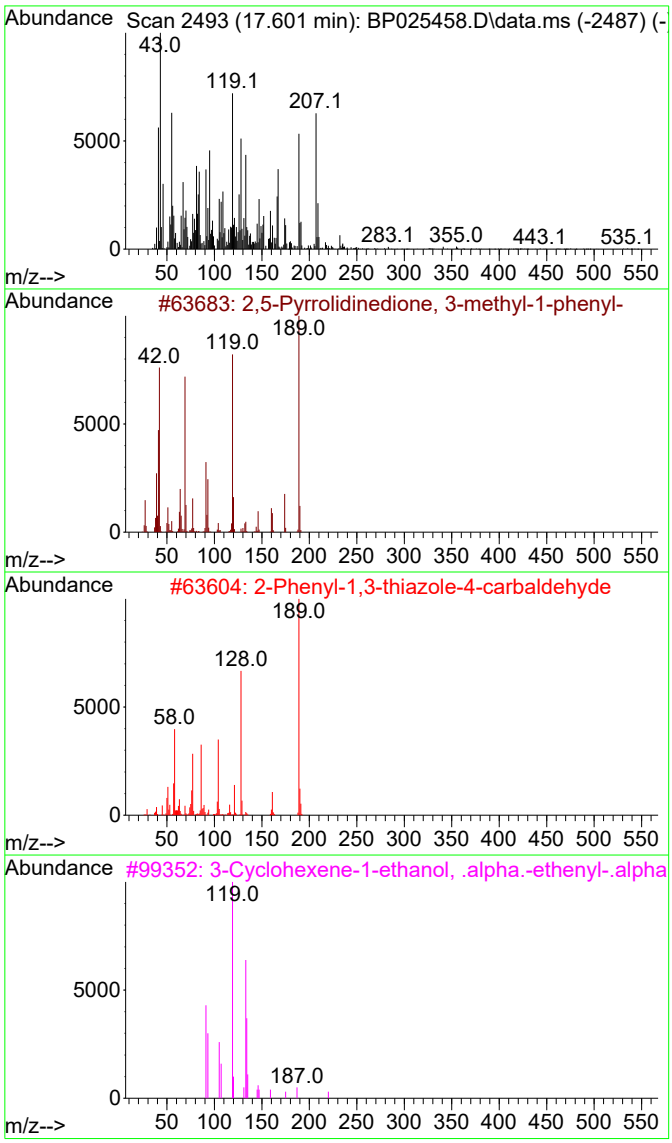
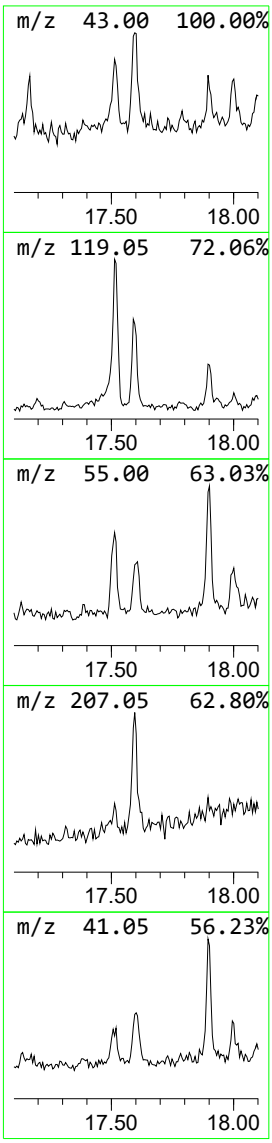
Peak Number 10 unknown17.601 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.601	3.33 ng	246914	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Pyrrolidinedione, 3-methyl-1...	189	C11H11NO2	075619-07-7	15
2	2-Phenyl-1,3-thiazole-4-carbalde...	189	C10H7NOS	020949-81-9	15
3	3-Cyclohexene-1-ethanol, .alpha....	220	C15H24O	055780-93-3	11
4	6-(4-Fluorophenyl)-2-hydroxypyri...	189	C11H8FNO	1010509-20-5	10
5	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	10





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Operator : CG/JU
Sample : Q2864-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LAW-25-122-126

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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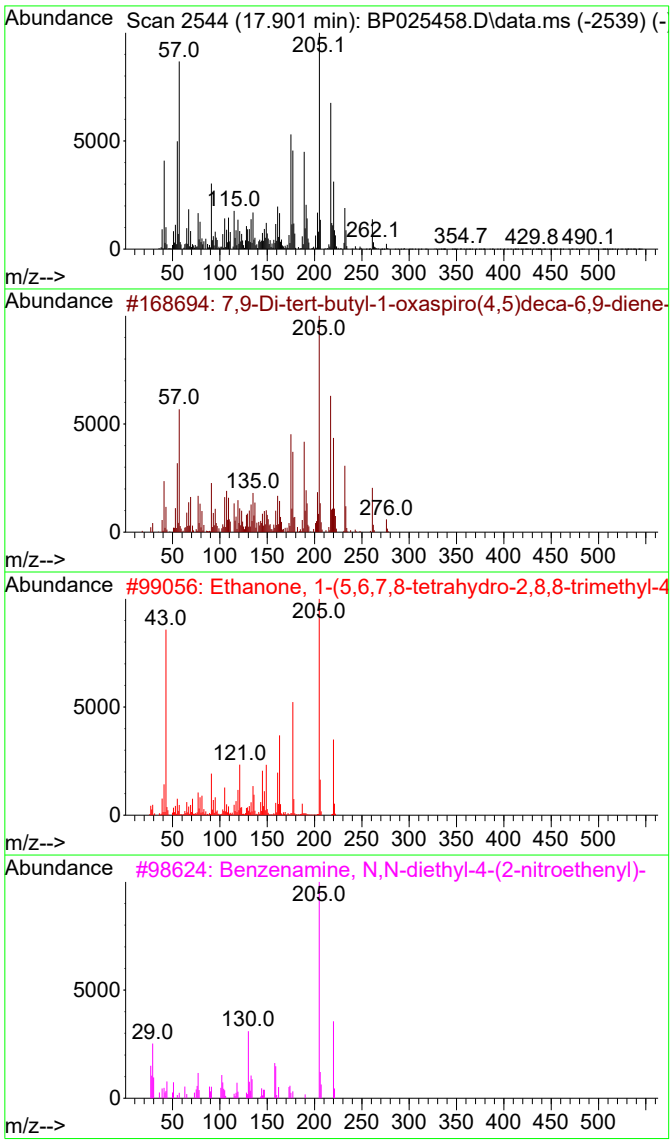
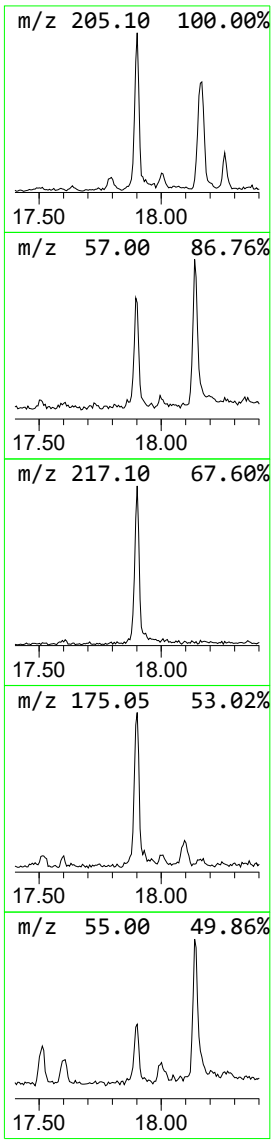
Peak Number 11 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.901	6.83 ng	506837	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	64
3	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	51
4	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	50
5	Benzenethanol, O,.beta.,.beta.,2...	220	C15H24O	1010128-94-8	44





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Sample : Q2864-01
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Instrument :
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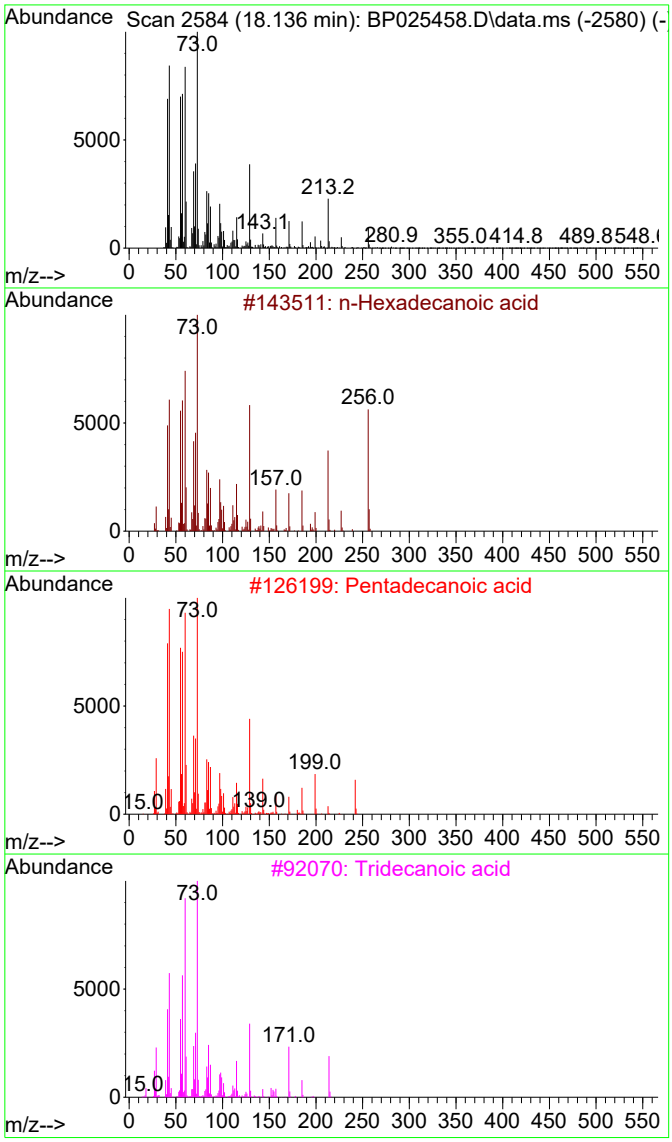
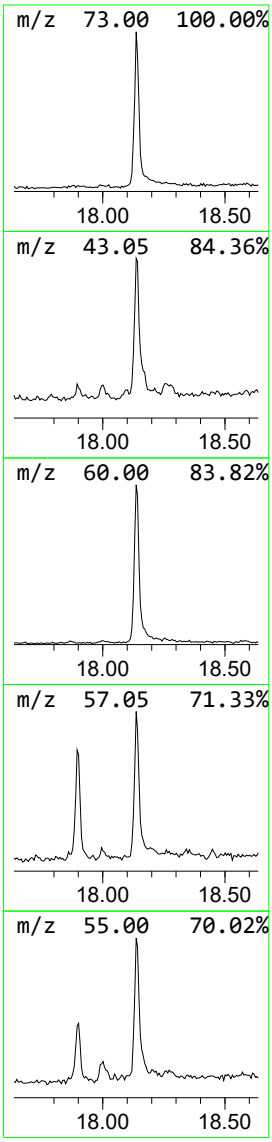
Peak Number 12 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.137	10.73 ng	796944	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Data File : BP025458.D
Acq On : 18 Aug 2025 12:47
Operator : CG/JU
Sample : Q2864-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LAW-25-122-126

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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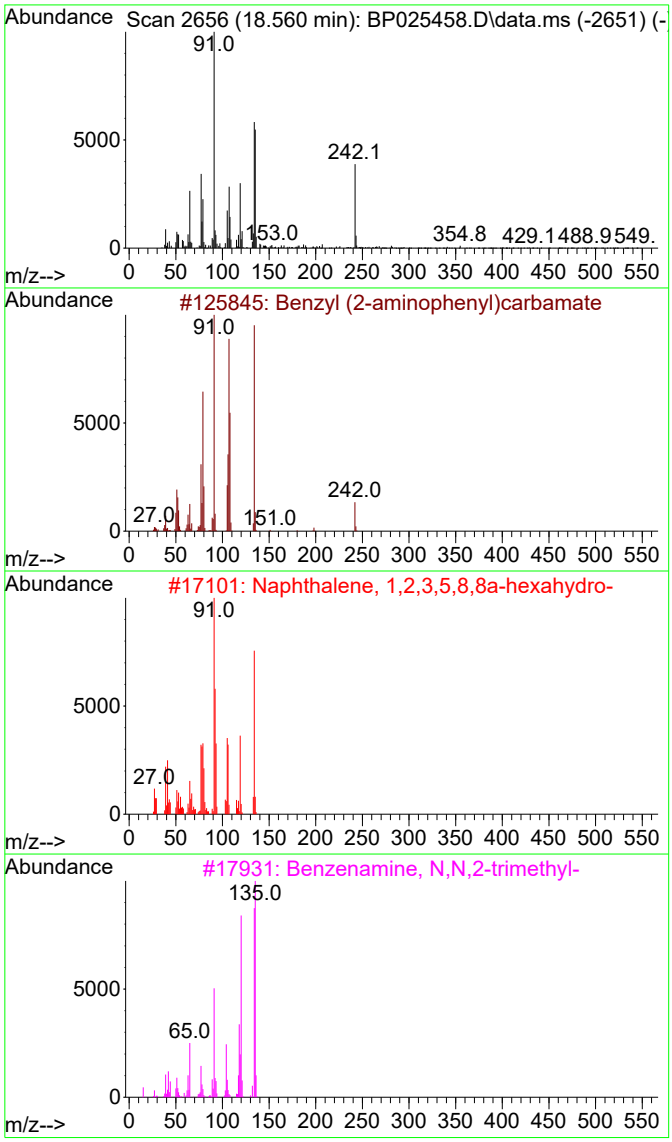
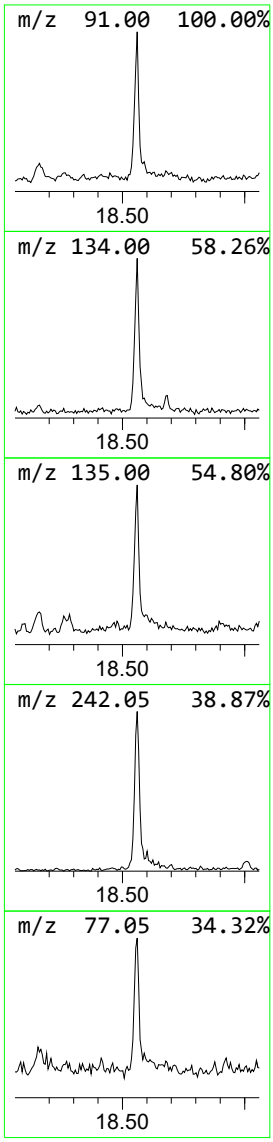
Peak Number 13 unknown18.560 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.560	2.60 ng	193099	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl (2-aminophenyl)carbamate	242	C14H14N2O2	022706-01-0	45
2	Naphthalene, 1,2,3,5,8,8a-hexahy...	134	C10H14	062690-65-7	43
3	Benzenamine, N,N,2-trimethyl-	135	C9H13N	000609-72-3	42
4	Acetic acid, phenylthio-, 2-phen...	242	C14H14N2S	020185-00-6	30
5	Benzaldehyde, 4-methoxy-3-(pheny...	242	C15H14O3	006346-05-0	30





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Sample : Q2864-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LAW-25-122-126

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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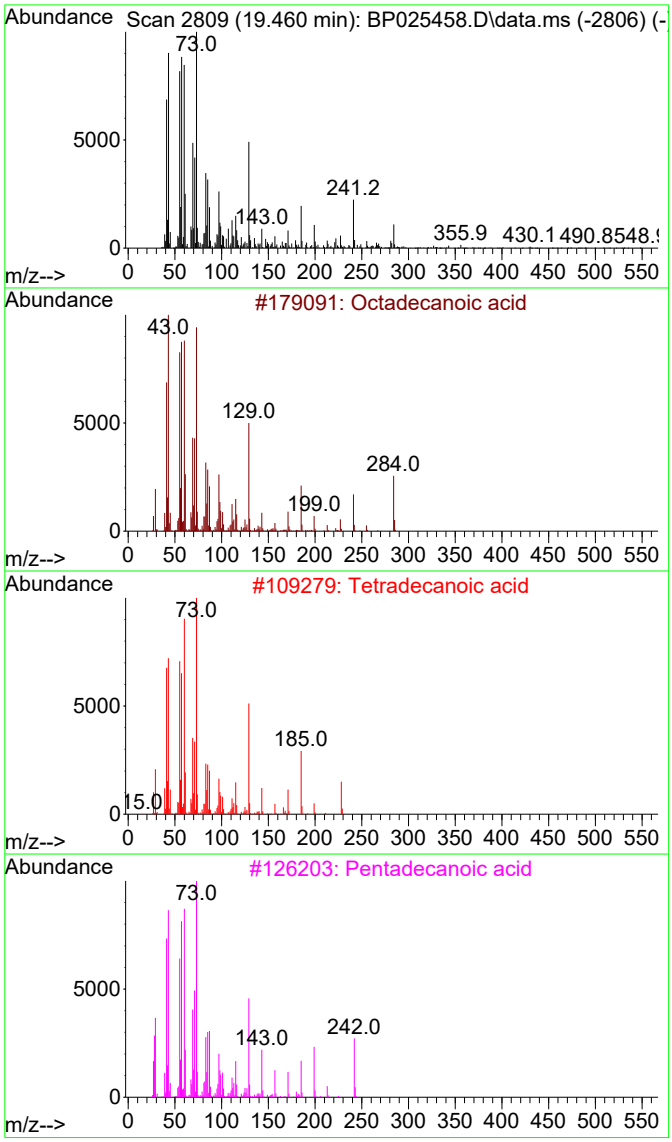
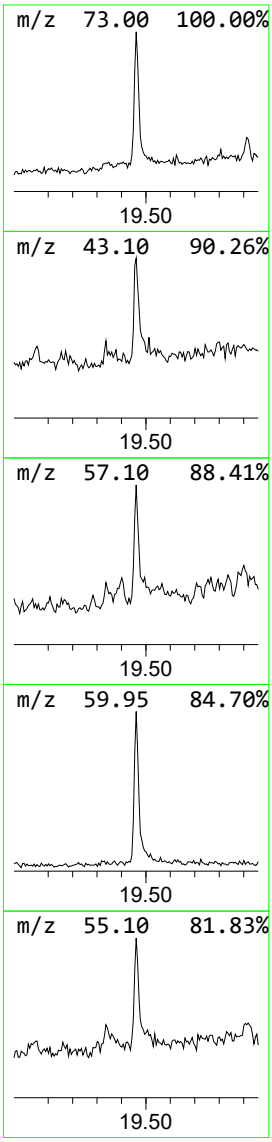
Peak Number 14 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.460	2.80 ng	261735	Chrysene-d12	21.625

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025458.D
Acq On : 18 Aug 2025 12:47
Operator : CG/JU
Sample : Q2864-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LAW-25-122-126

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.037	82.8	ng	3186930	1	7.784	769553	20.0
2-Pentanone, 4-...	4.943	4.0	ng	155222	1	7.784	769553	20.0
Ethanol, 2-(2-e...	7.390	4.0	ng	153606	1	7.784	769553	20.0
Carbonic acid, ...	10.919	2.0	ng	102254	2	10.555	1007920	20.0
Cyclohexanamine...	13.760	27.5	ng	1788110	3	14.401	1302370	20.0
Benzophenone	15.778	4.3	ng	282668	3	14.401	1302370	20.0
Ethanone, 1-(2,...	15.807	8.9	ng	657702	4	17.195	1485070	20.0
Benzenesulfonam...	16.990	3.6	ng	268647	4	17.195	1485070	20.0
Caffeine	17.513	3.6	ng	267146	4	17.195	1485070	20.0
unknown17.601	17.601	3.3	ng	246914	4	17.195	1485070	20.0
7,9-Di-tert-but...	17.901	6.8	ng	506837	4	17.195	1485070	20.0
n-Hexadecanoic ...	18.137	10.7	ng	796944	4	17.195	1485070	20.0
unknown18.560	18.560	2.6	ng	193099	4	17.195	1485070	20.0
Octadecanoic acid	19.460	2.8	ng	261735	5	21.625	1872310	20.0