LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
Data File : BP025427.D
Acq On : 15 Aug 2025 14:49
Operator : CG/JU
Sample : Q2814-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-518R-W

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: BP025427.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	13	17	39	rVB	2360809	2951656	28.91%	6.695%
2	4.943	333	341	348	rBV	227155	322036	3.15%	0.730%
3	5.402	413	419	430	rBV	1712608	2547133	24.95%	5.778%
4	6.961	677	684	703	rBV	1354694	2114403	20.71%	4.796%
5	7.790	817	825	832	rBV	470953	773982	7.58%	1.756%
6	8.925	1006	1018	1027	rBV	1664114	2800426	27.43%	6.352%
7	10.555	1285	1295	1307	rBV	612515	1100051	10.78%	2.495%
8	13.013	1705	1713	1724	rBV	4133745	6254300	61.26%	14.187%
9	14.396	1941	1948	1956	rBV	1107416	1519313	14.88%	3.446%
10	15.148	2071	2076	2083	rBV	115044	159464	1.56%	0.362%
11	15.766	2175	2181	2190	rVB	380156	552426	5.41%	1.253%
12	15.907	2197	2205	2225	rBV	3264870	5437844	53.27%	12.335%
13	17.195	2417	2424	2435	rVB2	1260797	1868901	18.31%	4.239%
14	18.131	2579	2583	2592	rBV	325408	487760	4.78%	1.106%
15	19.460	2805	2809	2817	rBV2	115770	172269	1.69%	0.391%
16	19.919	2881	2887	2892	rBV	7704740	10208878	100.00%	23.157%
17	21.313	3119	3124	3134	rBV3	173310	327489	3.21%	0.743%
18	21.630	3171	3178	3186	rBV2	1068013	2192288	21.47%	4.973%
19	24.995	3740	3750	3763	rVB2	748251	2294673	22.48%	5.205%

Sum of corrected areas: 44085292

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081525\
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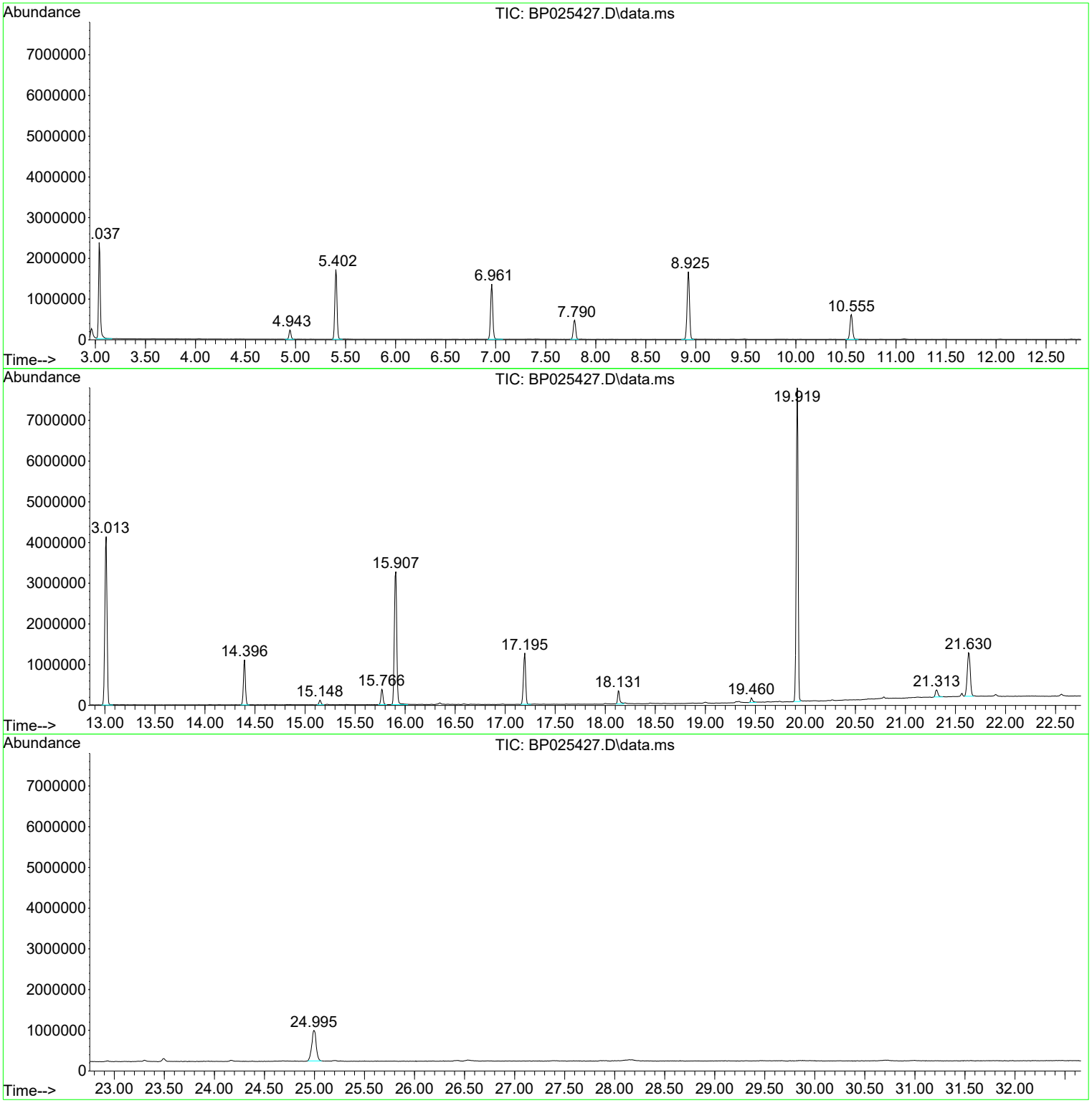
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-518R-W

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 : BP025427.D
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Operator : CG/JU
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ClientSampleId :
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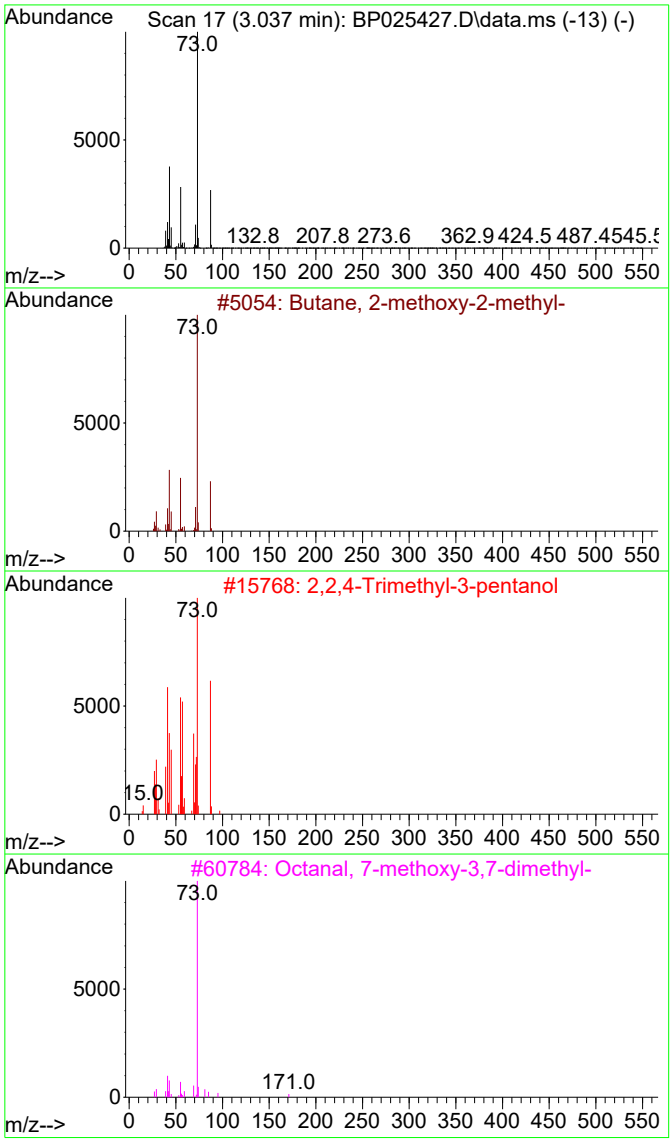
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

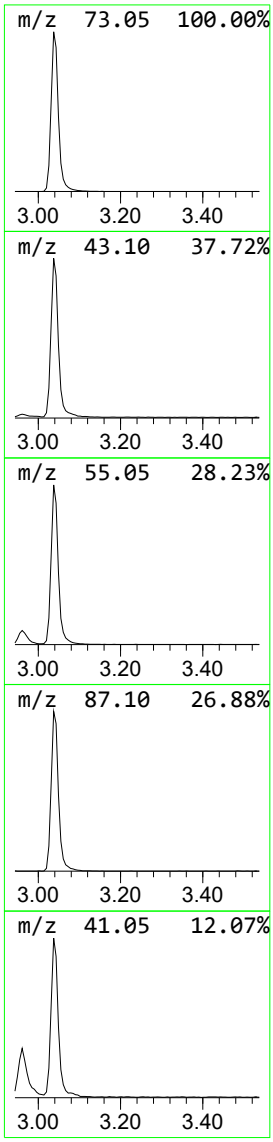
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	76.27 ng	2951660	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 : BP025427.D
Acq On : 15 Aug 2025 14:49
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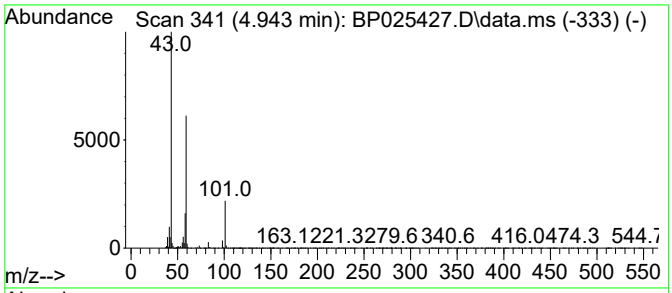
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

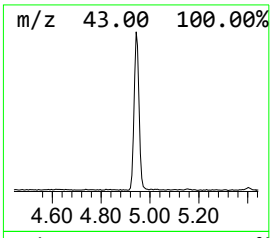
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

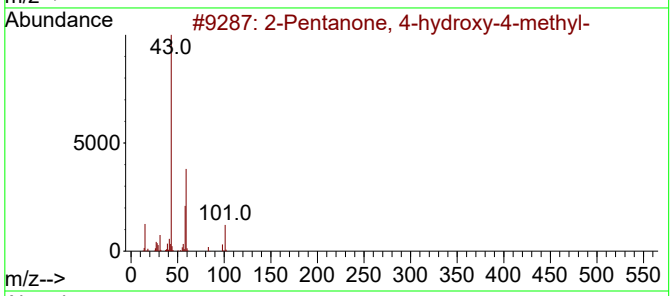
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

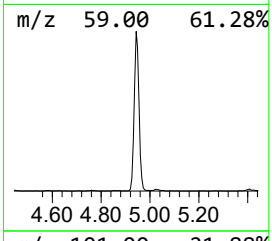
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.943	8.32 ng	322036	1,4-Dichlorobenzene-d4	7.790

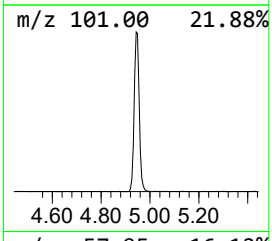
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9

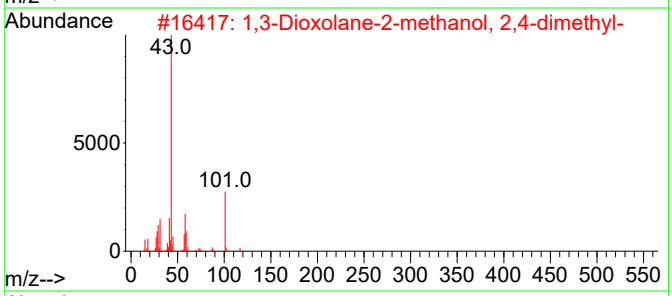


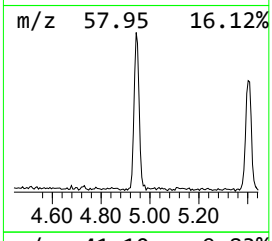


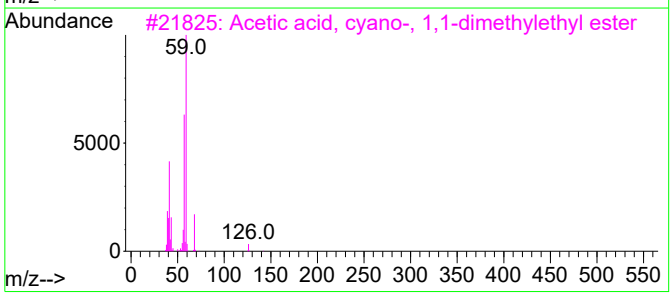


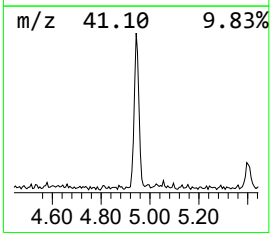












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Instrument :
BNA_P
ClientSampleId :
TW-518R-W

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

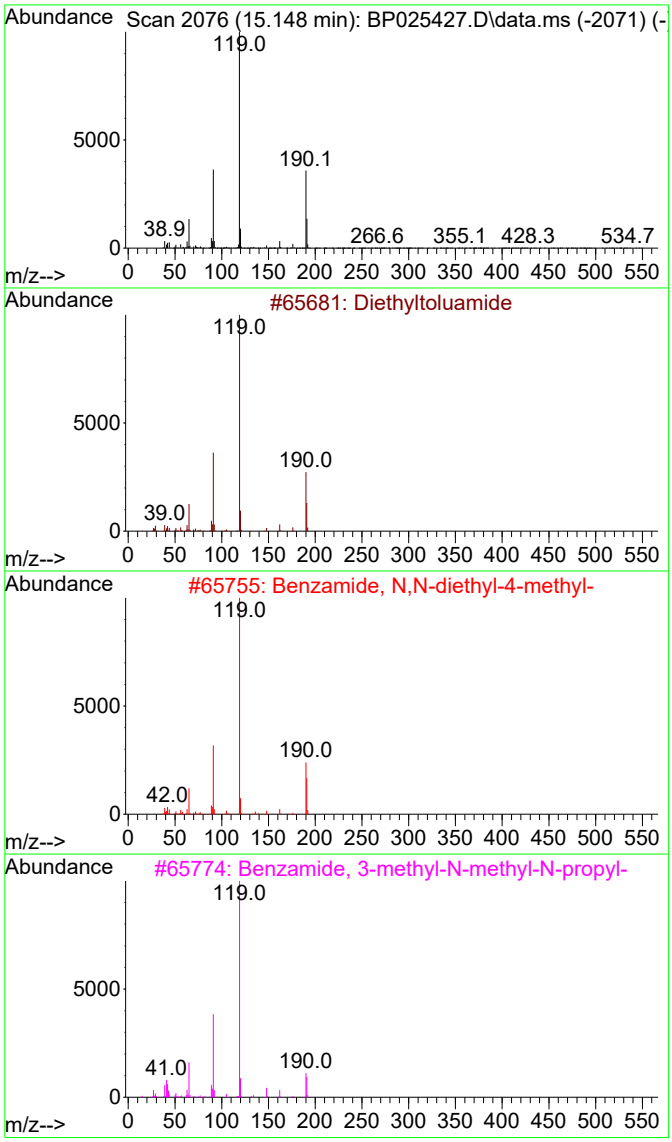
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

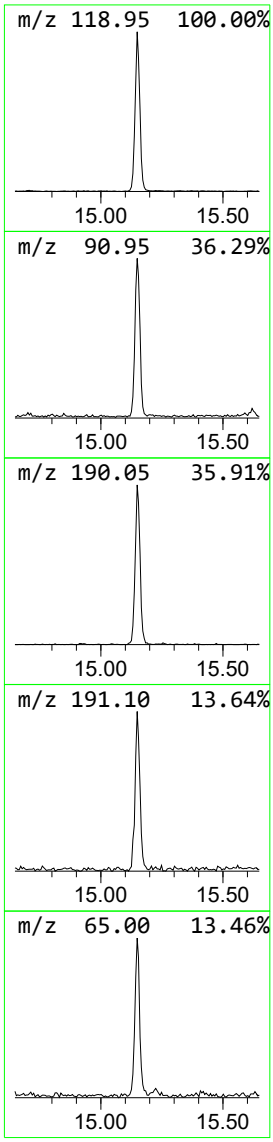
****

Peak Number 3 Diethyltoluamide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.148	2.10 ng	159464	Acenaphthene-d10	14.396

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	90
3	Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	87
4	Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	87
5	Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	87





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
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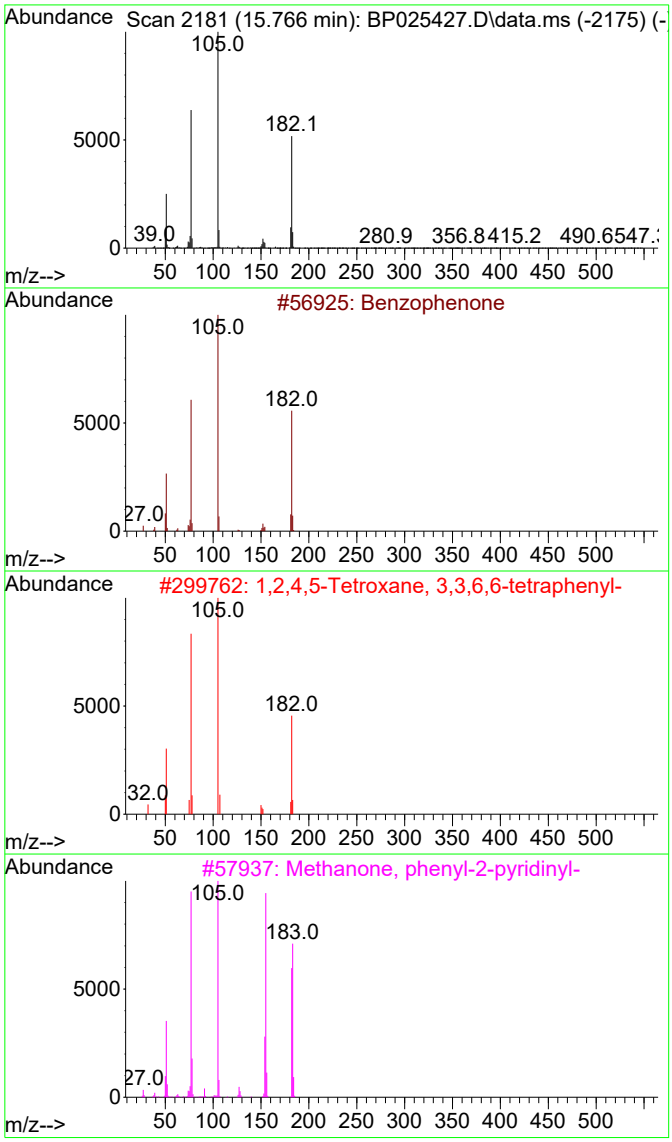
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

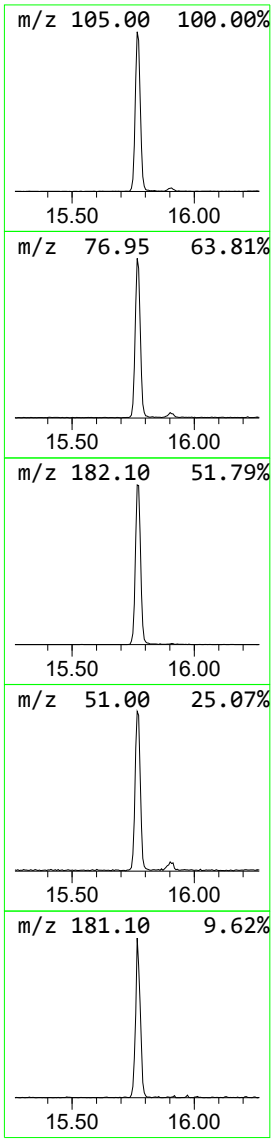
****

Peak Number 4 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.766	7.27 ng	552426	Acenaphthene-d10	14.396

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	56
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42
5	Azobenzene	182	C12H10N2	000103-33-3	37





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Operator : CG/JU
Sample : Q2814-20
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-518R-W

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

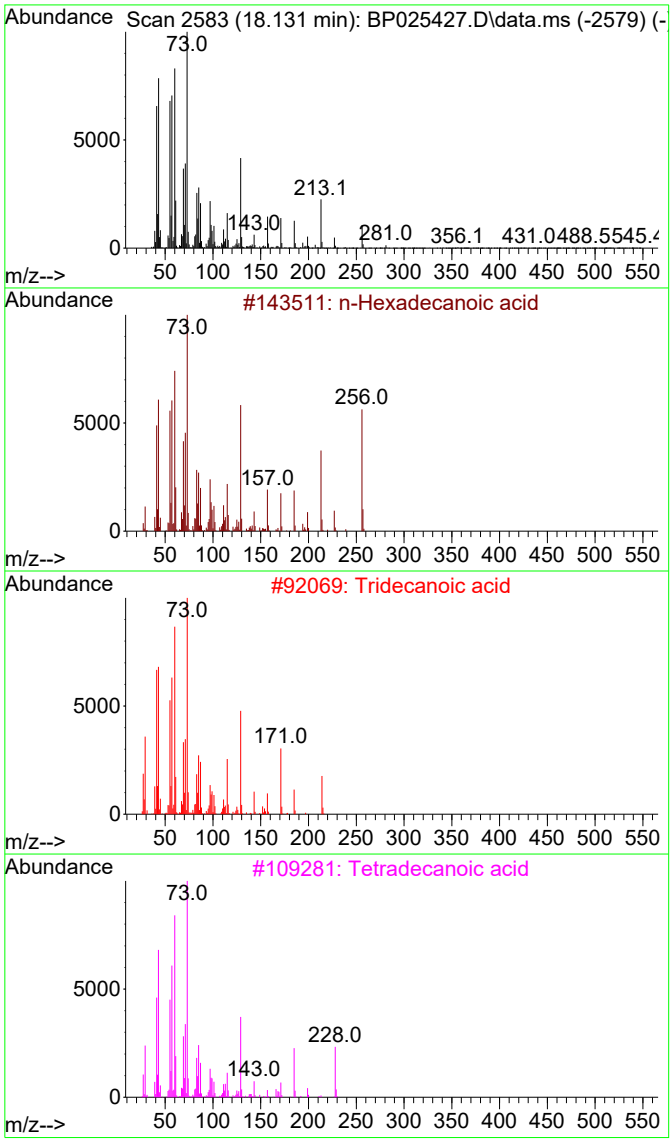
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

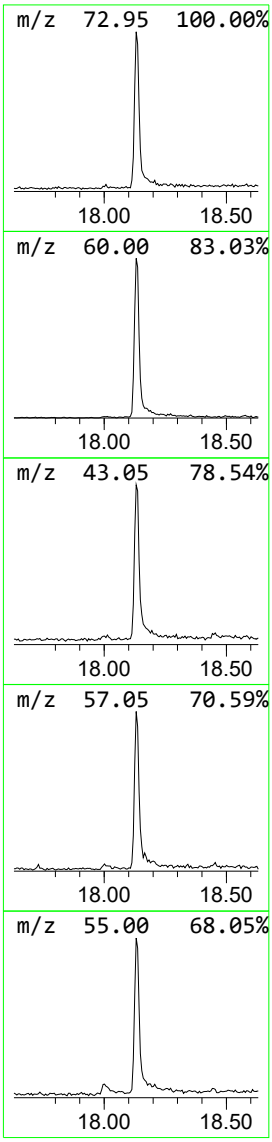
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.131	5.22 ng	487760	Phenanthrene-d10	17.195

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	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

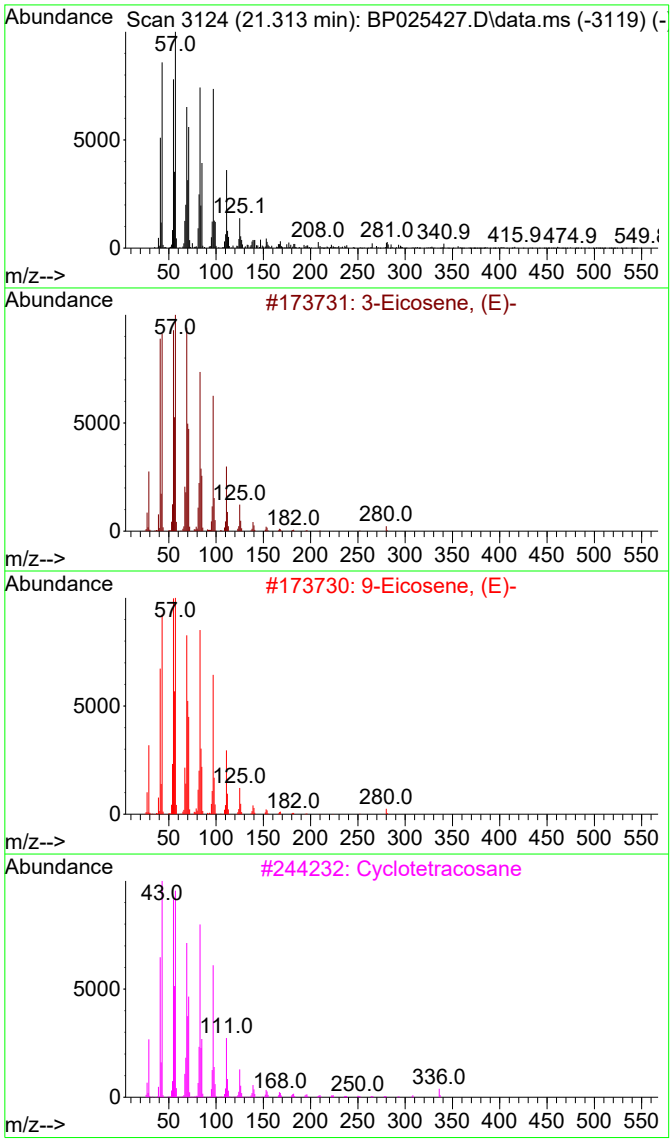
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

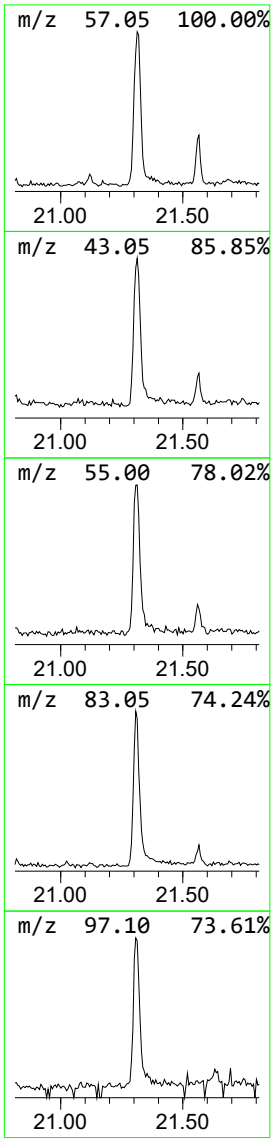
****

Peak Number 6 3-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.313	2.99 ng	327489	Chrysene-d12	21.630

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	90
3	Cyclotetracosane	336	C24H48	000297-03-0	90
4	Pentacos-1-ene	350	C25H50	016980-85-1	90
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	89





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...	3.037	76.3	ng	2951660	1	7.790	773982	20.0
2-Pentanone, 4-...	4.943	8.3	ng	322036	1	7.790	773982	20.0
Diethyltoluamide	15.148	2.1	ng	159464	3	14.396	1519310	20.0
Benzophenone	15.766	7.3	ng	552426	3	14.396	1519310	20.0
n-Hexadecanoic ...	18.131	5.2	ng	487760	4	17.195	1868900	20.0
3-Eicosene, (E)-	21.313	3.0	ng	327489	5	21.630	2192290	20.0