LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
Data File : BF139600.D
Acq On : 02 Oct 2024 12:10
Operator : RC/JU
Sample : P4194-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-119-KEARNY

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_F\Methods\8270-BF100124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139600.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	3	12	18	rVB	4889035	8710067	100.00%	30.957%
2	5.075	498	507	516	rVB	63613	105785	1.21%	0.376%
3	5.481	570	576	586	rBV	1215033	1578971	18.13%	5.612%
4	6.492	742	748	756	rBV	830653	1071342	12.30%	3.808%
5	6.863	806	811	816	rBV	480287	584079	6.71%	2.076%
6	7.428	897	907	912	rBV	1539320	2135140	24.51%	7.589%
7	8.145	1020	1029	1038	rBV	609752	779125	8.95%	2.769%
8	9.222	1206	1212	1217	rBV	2779176	3614537	41.50%	12.847%
9	9.898	1322	1327	1331	rBV	674485	904091	10.38%	3.213%
10	9.933	1331	1333	1337	rVB	242095	244926	2.81%	0.871%
11	10.616	1444	1449	1455	rVB	108081	136924	1.57%	0.487%
12	10.692	1455	1462	1467	rBV	1722033	2283880	26.22%	8.117%
13	11.386	1575	1580	1587	rVB	710702	887479	10.19%	3.154%
14	11.910	1664	1669	1676	rBV	257028	396118	4.55%	1.408%
15	12.698	1798	1803	1814	rBV	83719	139256	1.60%	0.495%
16	12.974	1844	1850	1855	rBV	2517718	3346019	38.42%	11.892%
17	13.880	1999	2004	2015	rBV	61161	127064	1.46%	0.452%
18	14.027	2023	2029	2035	rBV	454845	590107	6.77%	2.097%
19	15.498	2273	2279	2291	rVB	317117	500787	5.75%	1.780%

Sum of corrected areas: 28135697

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Misc :
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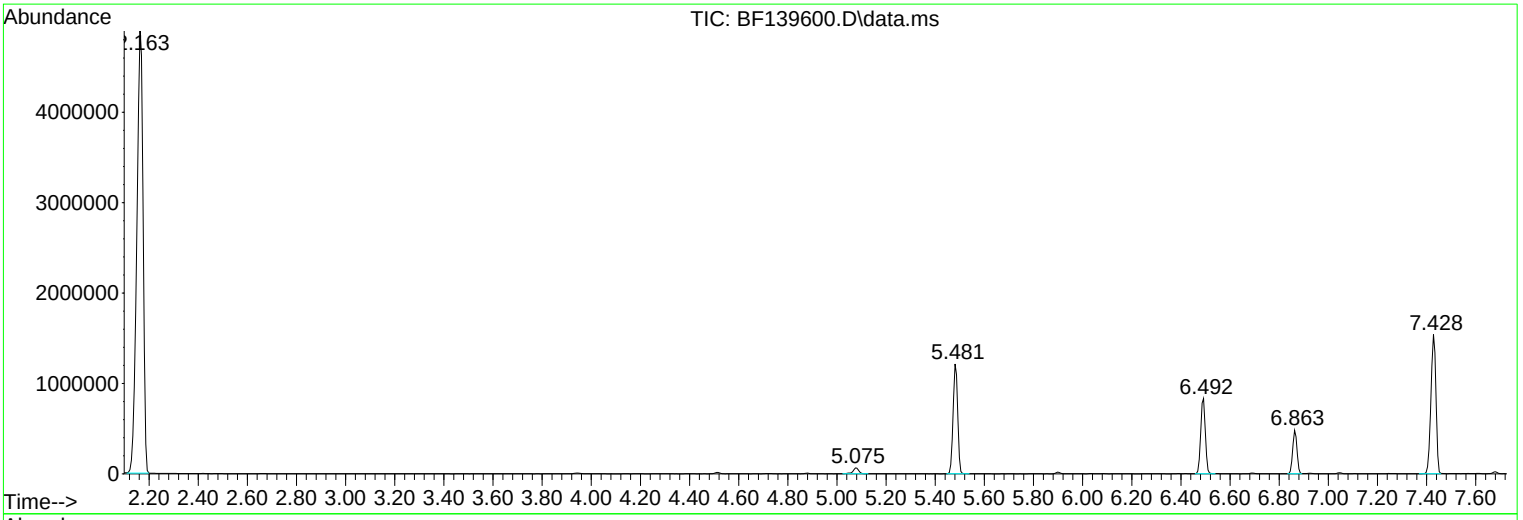
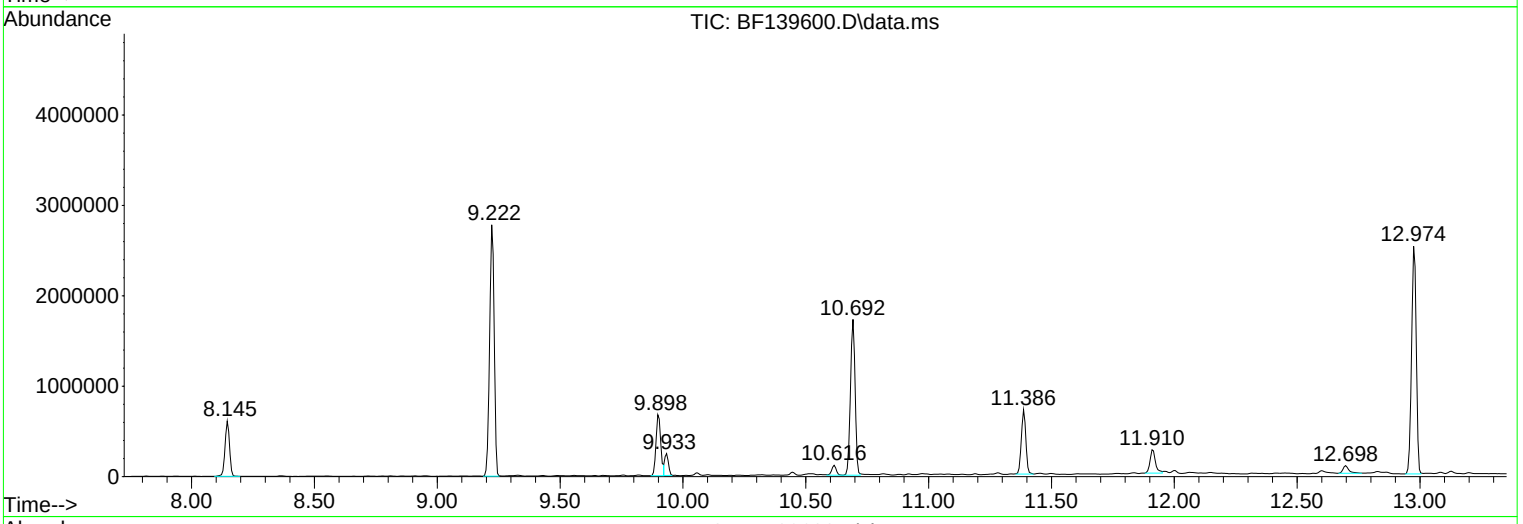
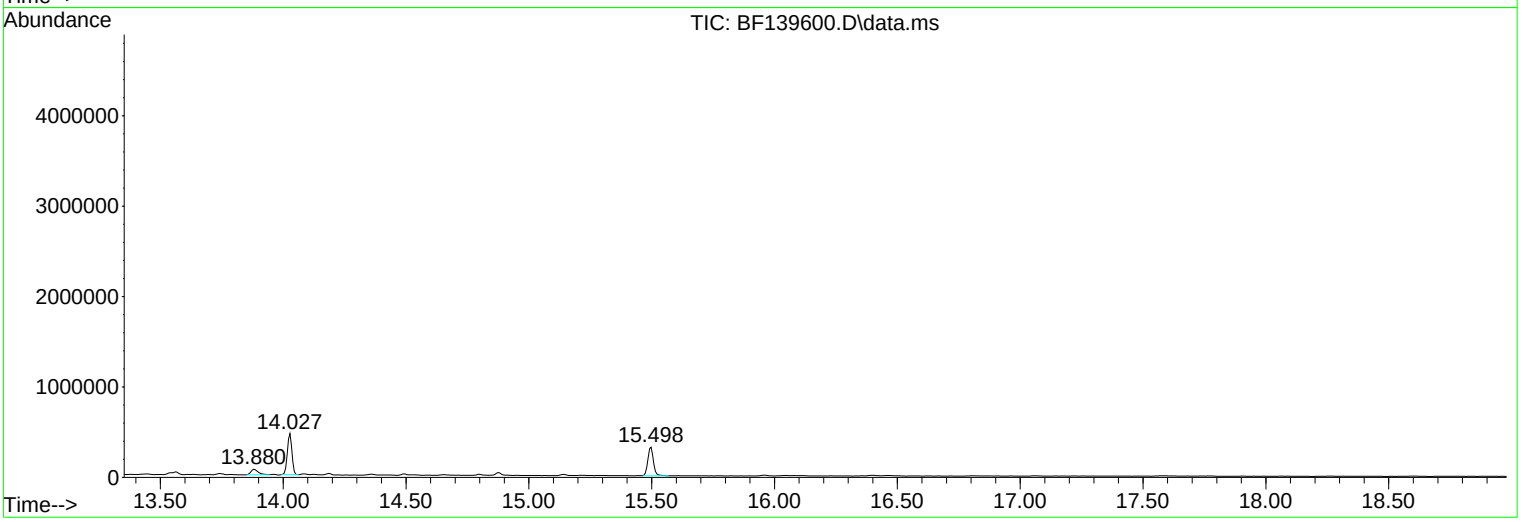
Instrument :
BNA_F
ClientSampleId :
MANHOLE-119-KEARNY

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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 : BF139600.D
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Sample : P4194-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-119-KEARNY

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

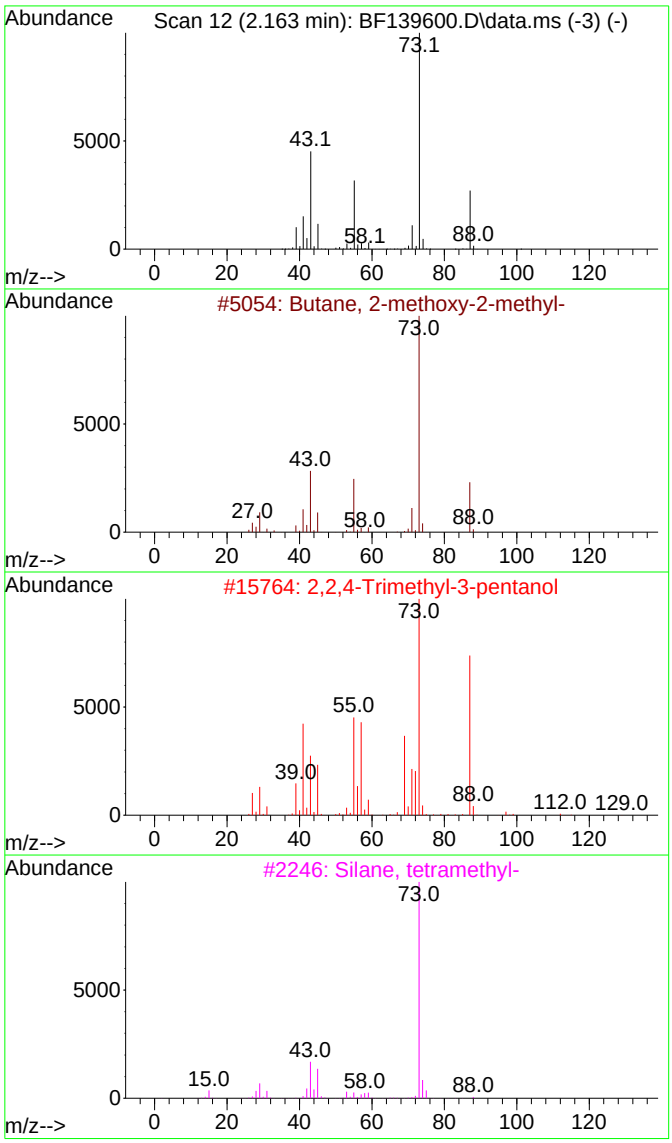
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

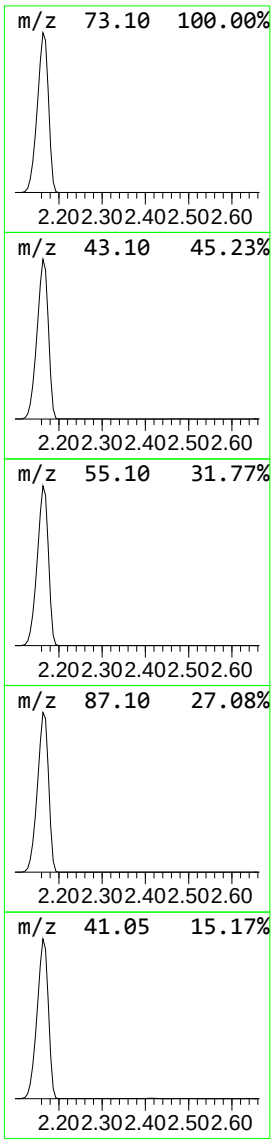
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	298.25 ng	8710070	1,4-Dichlorobenzene-d4	6.863

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Instrument :
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ClientSampleId :
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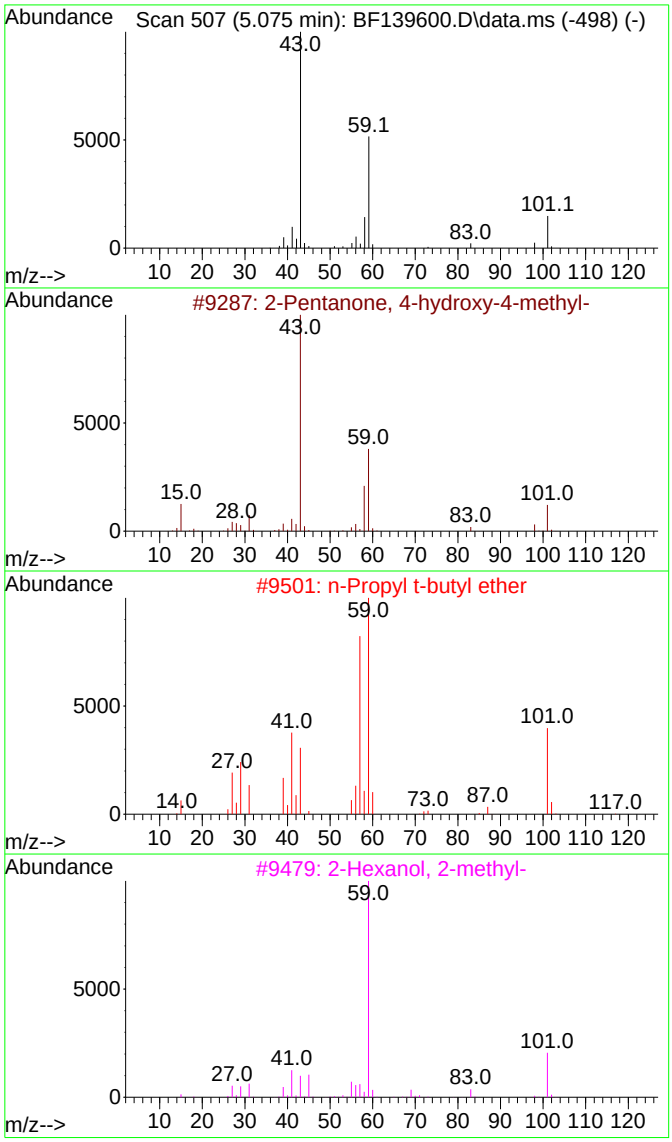
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

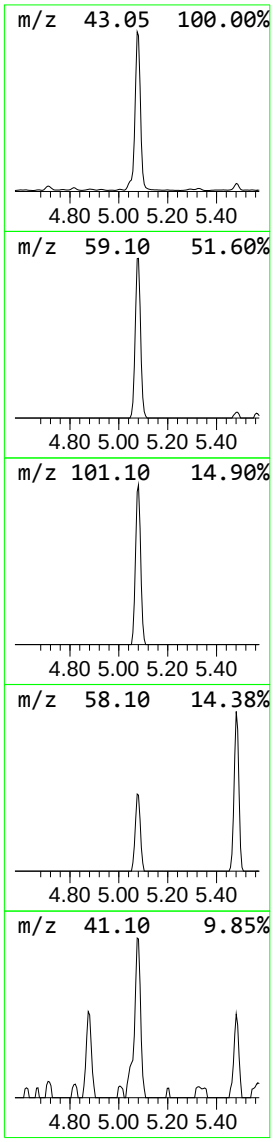
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.075	3.62 ng	105785	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Operator : RC/JU
Sample : P4194-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-119-KEARNY

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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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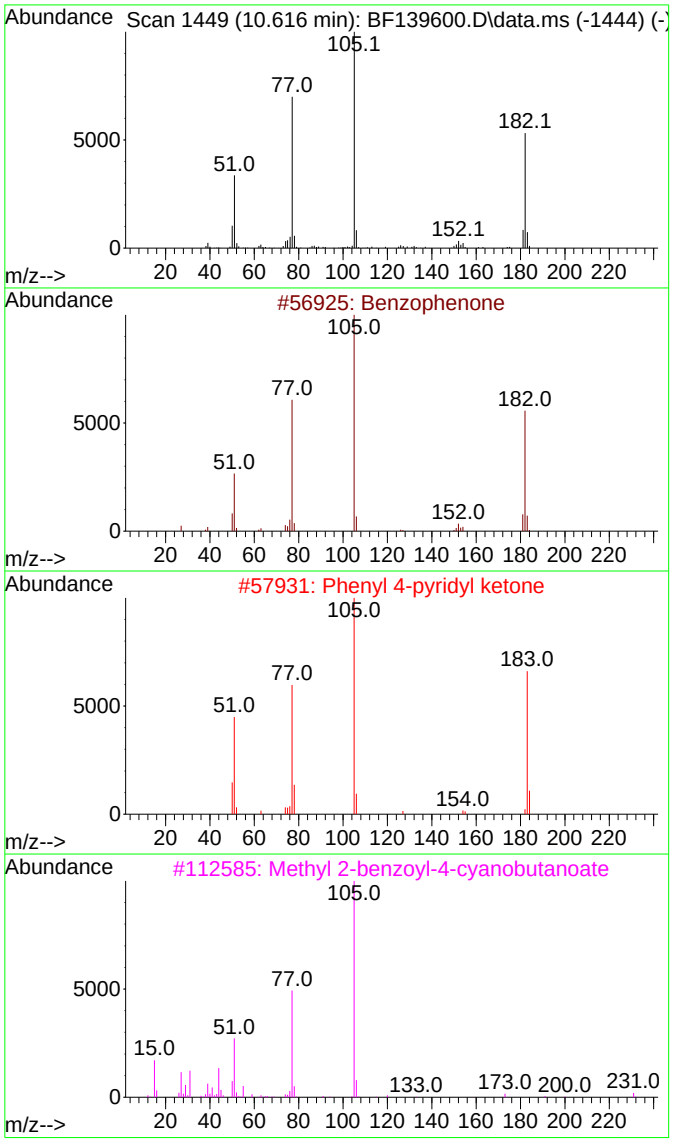
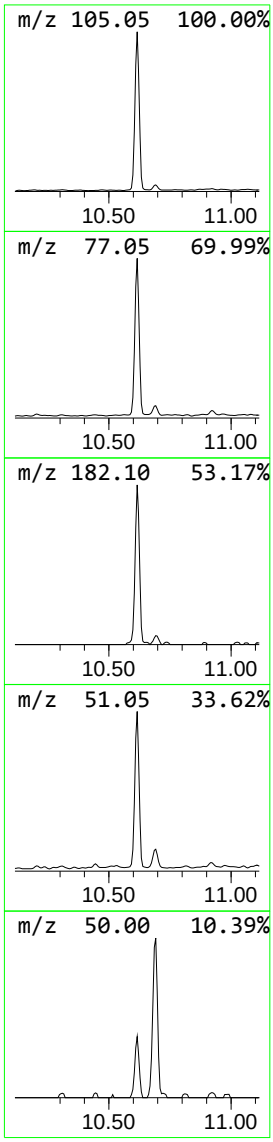
Peak Number 3 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	3.03 ng	136924	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	62
3	Methyl 2-benzoyl-4-cyanobutanoate	231	C13H13NO3	1010486-83-8	50
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	50
5	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	50





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Sample : P4194-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-119-KEARNY

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

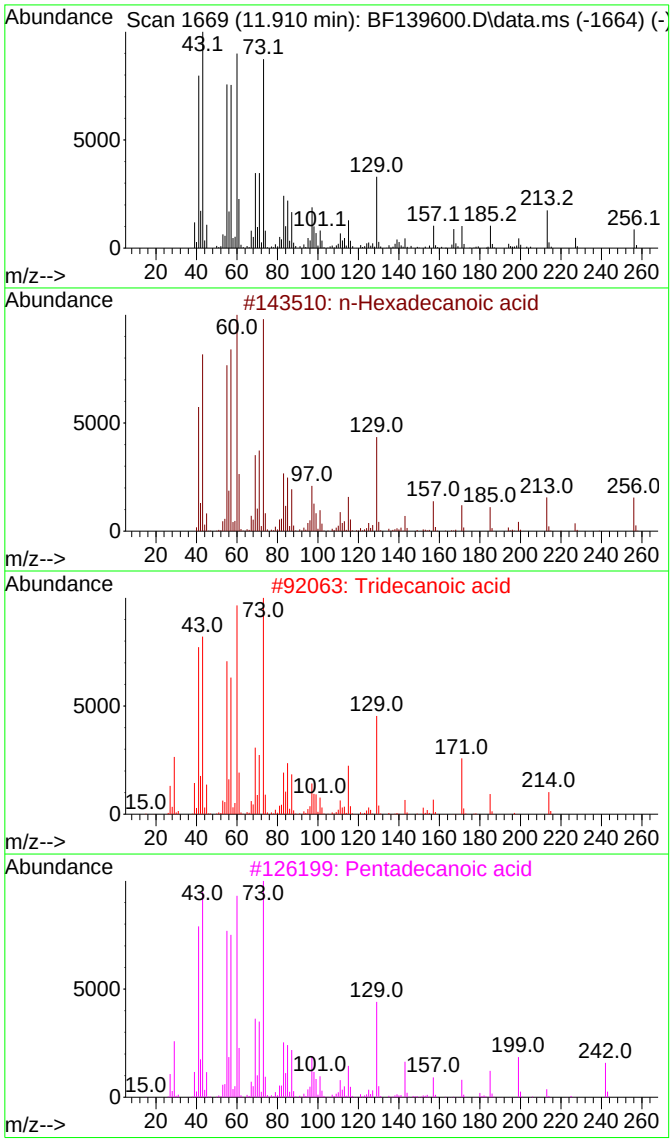
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

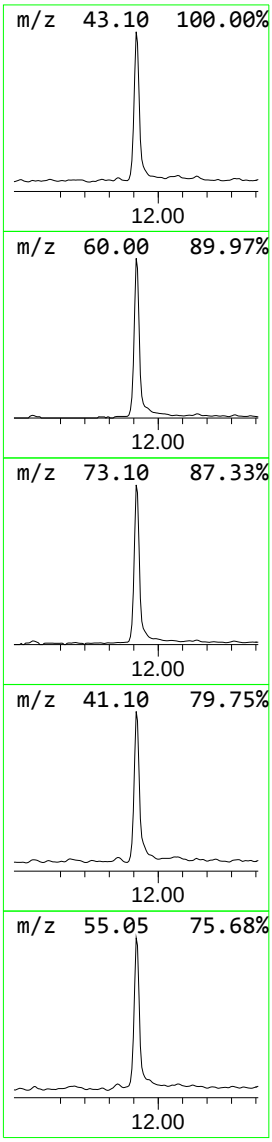
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	8.93 ng	396118	Phenanthrene-d10	11.386

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
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Sample : P4194-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MANHOLE-119-KEARNY

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

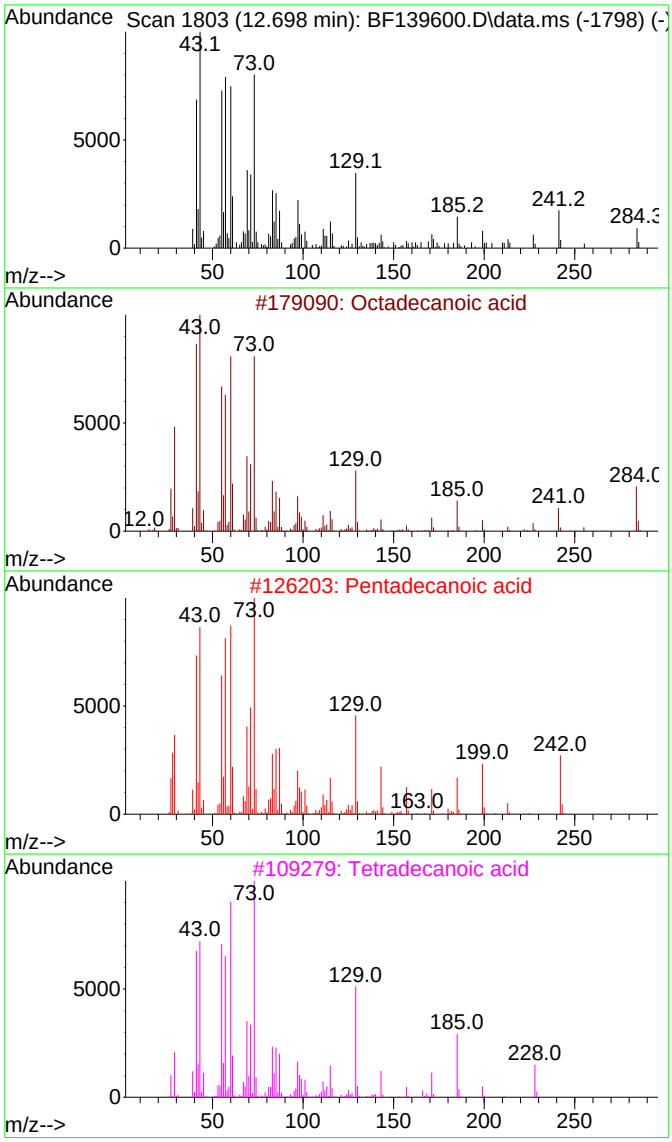
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

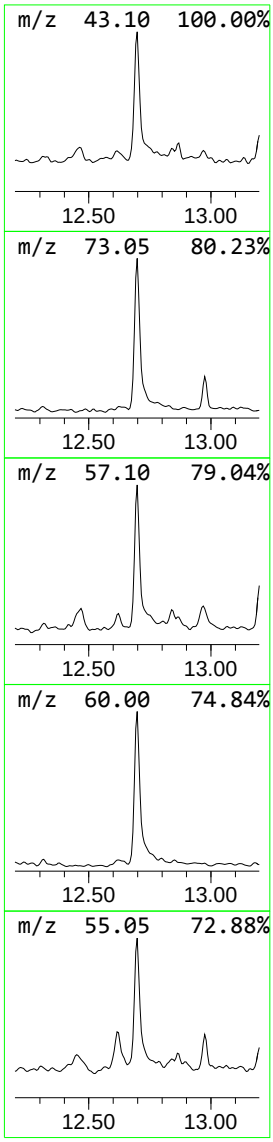
****

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.698	3.14 ng	139256	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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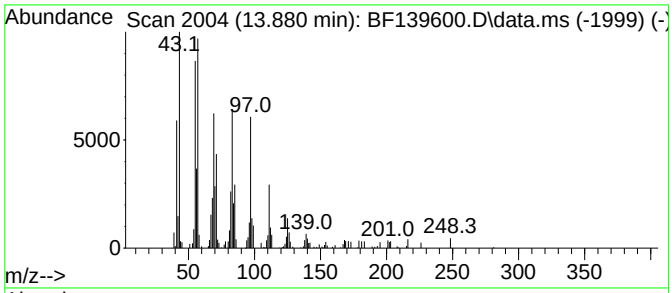
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

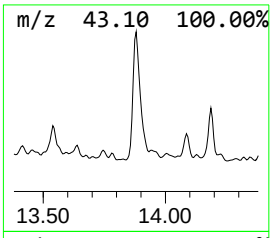
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

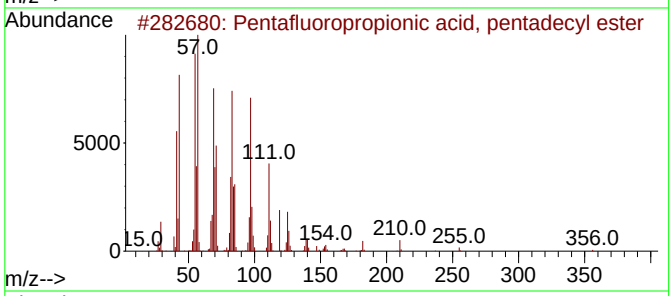
****
Peak Number 6 Pentafluoropropionic acid, ... Concentration Rank 3

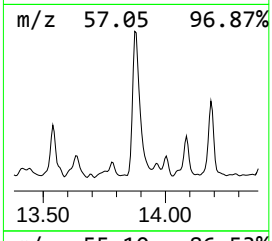
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	4.31 ng	127064	Chrysene-d12	14.027

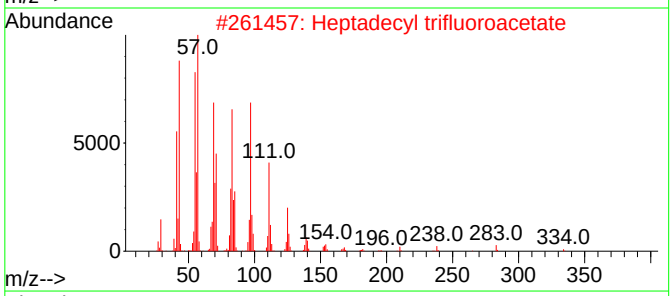
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	95
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94

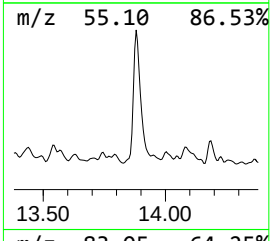


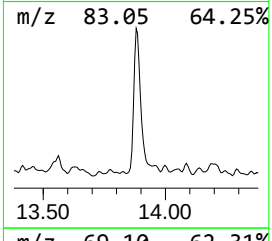


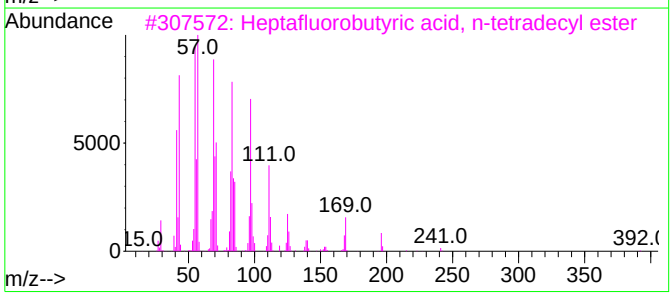


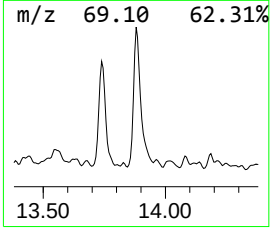












Tentatively Identified Compound (LSC) summary

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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...	2.163	298.3	ng	8710070	1	6.863	584079	20.0
2-Pentanone, 4-...	5.075	3.6	ng	105785	1	6.863	584079	20.0
Benzophenone	10.616	3.0	ng	136924	3	9.898	904091	20.0
n-Hexadecanoic ...	11.910	8.9	ng	396118	4	11.386	887479	20.0
Octadecanoic acid	12.698	3.1	ng	139256	4	11.386	887479	20.0
Pentafluoroprop...	13.880	4.3	ng	127064	5	14.027	590107	20.0