

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
 Data File : BF124044.D
 Acq On : 24 May 2021 18:46
 Operator : JU/CG
 Sample : M2479-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MIXED-SUBBASE-GROUND-1-15-D

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-BF051421.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124044.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	4	13	19	rBV	508875	646912	46.00%	5.888%
2	2.269	26	31	36	rBV2	49843	58544	4.16%	0.533%
3	5.110	510	514	521	rVB	183581	219252	15.59%	1.996%
4	5.510	577	582	585	rBV	1404541	1309865	93.14%	11.922%
5	5.904	645	649	656	rBB	20389	19642	1.40%	0.179%
6	6.516	748	753	756	rBV	1300259	1293645	91.99%	11.774%
7	6.716	785	787	793	rBV2	21178	23286	1.66%	0.212%
8	6.892	813	817	820	rBV	529735	391657	27.85%	3.565%
9	7.451	907	912	915	rBV	966825	896348	63.74%	8.158%
10	8.175	1029	1035	1038	rBV	645492	498007	35.41%	4.533%
11	9.251	1214	1218	1221	rBV	1819808	1406266	100.00%	12.799%
12	9.327	1226	1231	1234	rVV3	19474	19033	1.35%	0.173%
13	9.363	1234	1237	1241	rVB	64561	57386	4.08%	0.522%
14	9.639	1281	1284	1288	rBV	253796	200137	14.23%	1.822%
15	9.927	1330	1333	1337	rVB	573152	483317	34.37%	4.399%
16	10.357	1404	1406	1408	rVB	23882	17426	1.24%	0.159%
17	10.580	1438	1444	1447	rBV3	16023	22118	1.57%	0.201%
18	10.716	1463	1467	1471	rBV	882463	766718	54.52%	6.978%
19	10.845	1484	1489	1492	rVB3	40419	53576	3.81%	0.488%
20	11.310	1566	1568	1573	rVB2	22421	23169	1.65%	0.211%
21	11.416	1583	1586	1589	rBV	490755	427348	30.39%	3.890%
22	11.939	1672	1675	1680	rBV2	59056	55748	3.96%	0.507%
23	12.633	1790	1793	1798	rVB	34344	34913	2.48%	0.318%
24	12.862	1829	1832	1834	rBV	27670	25332	1.80%	0.231%
25	13.004	1852	1856	1860	rBV	1356507	1185745	84.32%	10.792%
26	13.233	1891	1895	1897	rBV5	20289	27241	1.94%	0.248%
27	13.586	1951	1955	1959	rBV7	19965	35560	2.53%	0.324%
28	13.909	2007	2010	2018	rBV	187201	234342	16.66%	2.133%
29	14.062	2032	2036	2039	rBV	372454	350051	24.89%	3.186%
30	15.551	2286	2289	2293	rBV	171675	204359	14.53%	1.860%

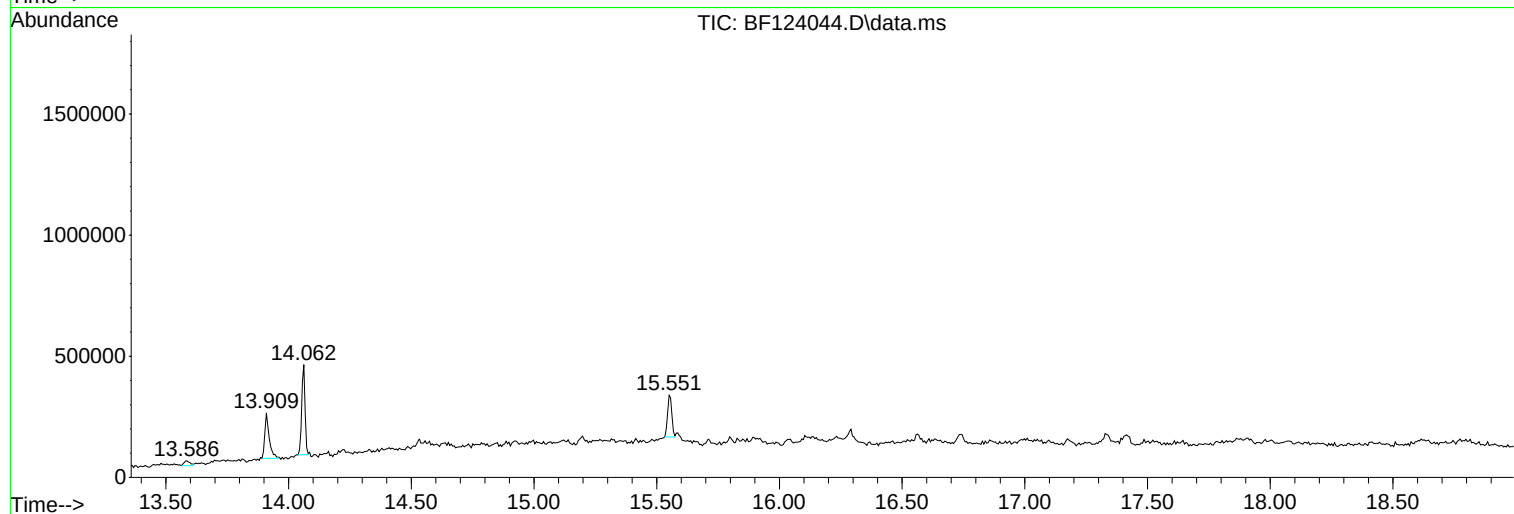
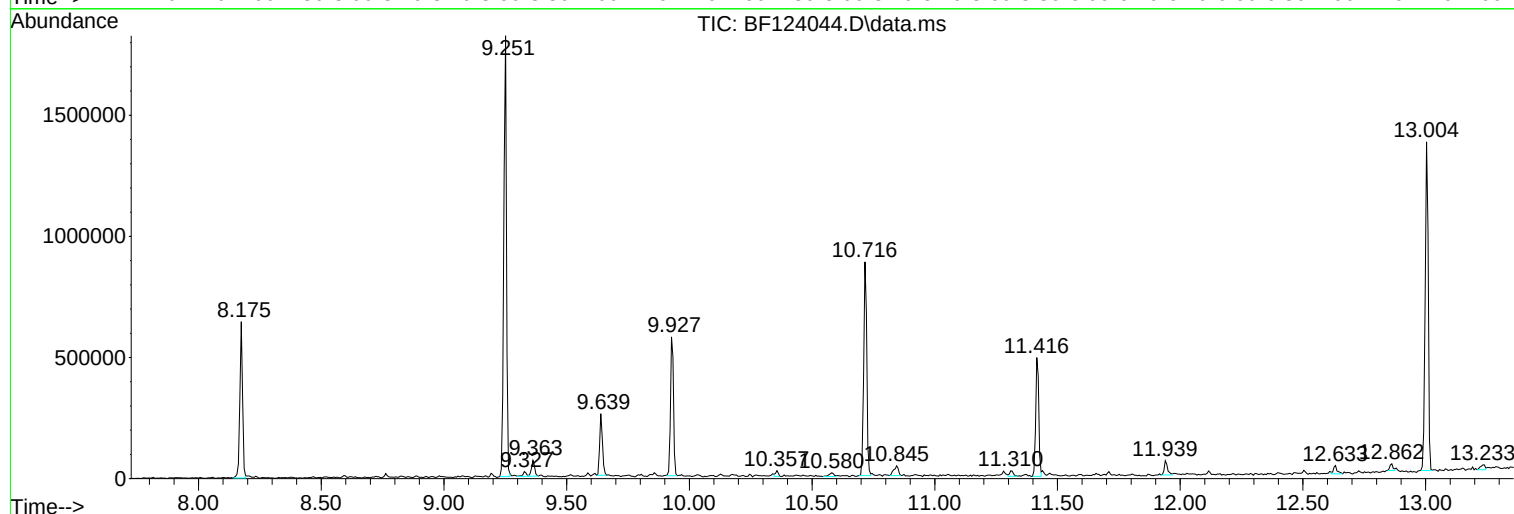
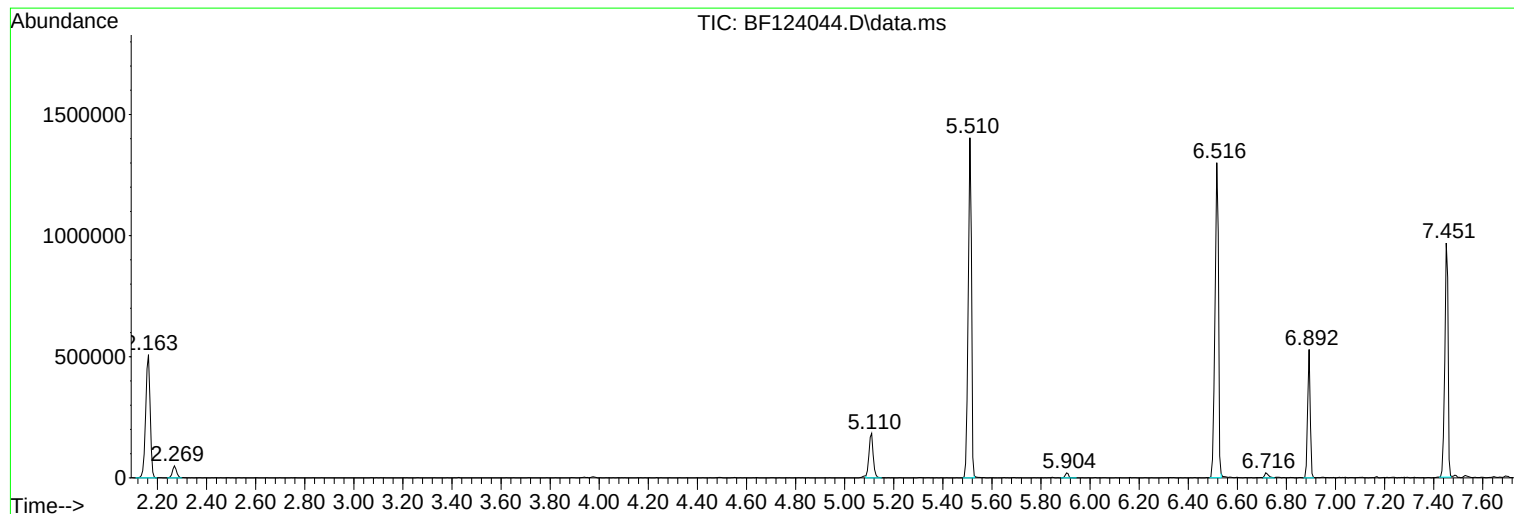
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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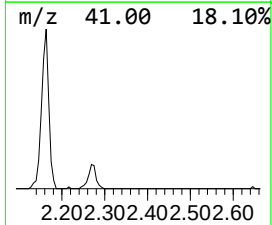
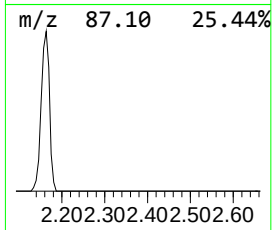
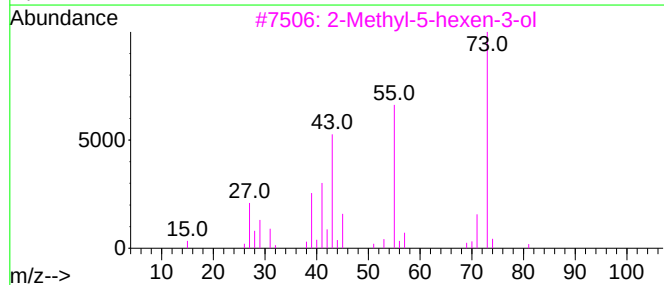
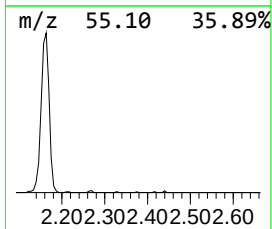
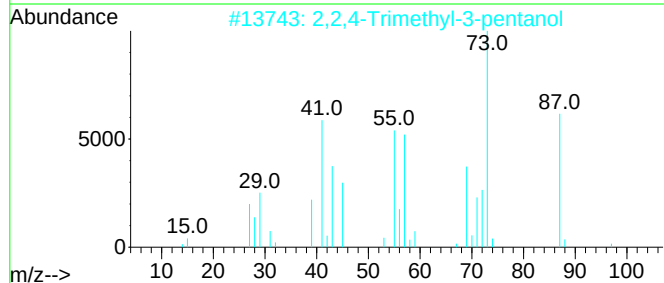
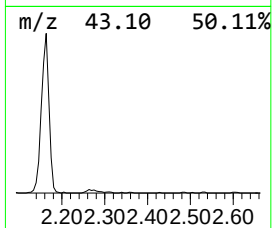
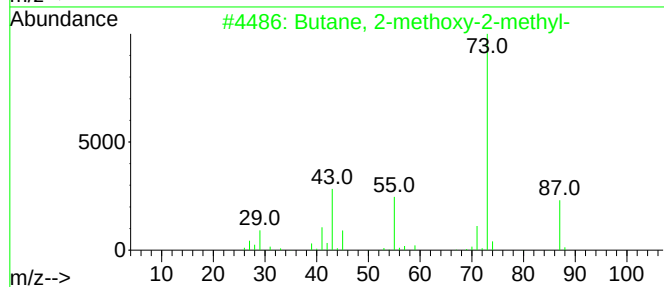
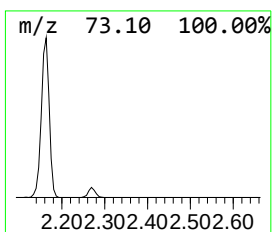
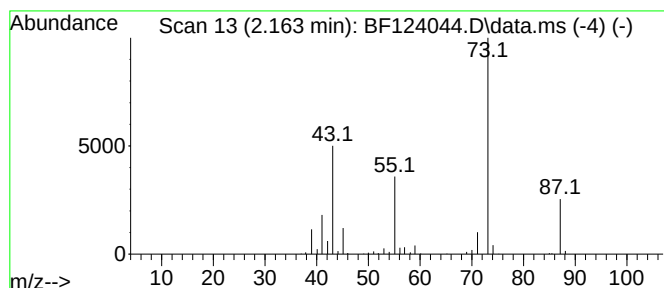
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.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	33.03 ng	646912	1,4-Dichlorobenzene-d4	6.892

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			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5			2-Butanol, 3-methyl-, acetate	130	C7H14O2	005343-96-4	9



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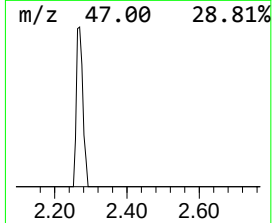
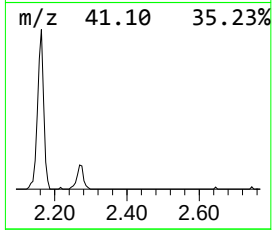
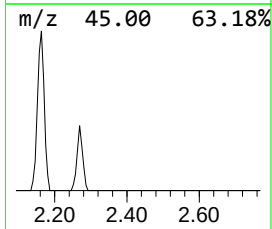
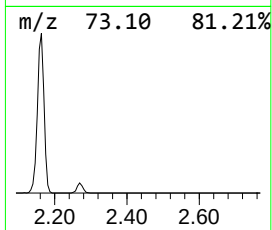
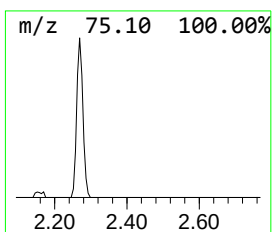
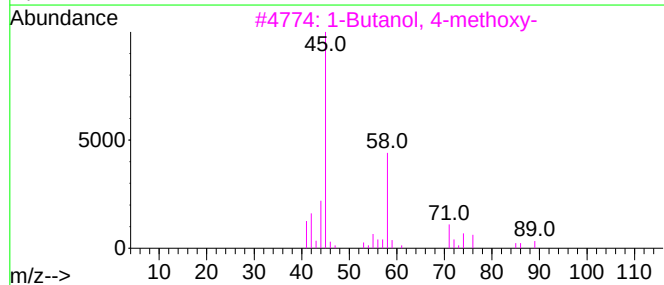
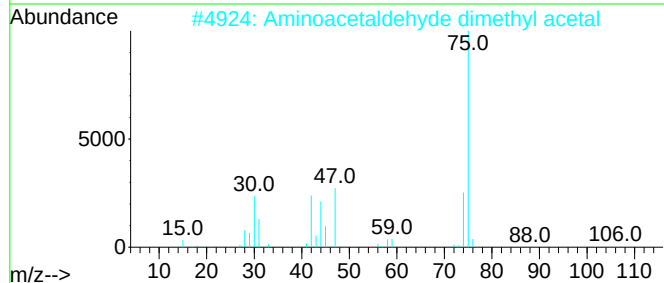
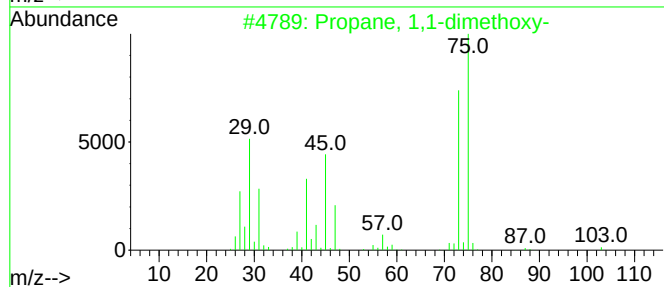
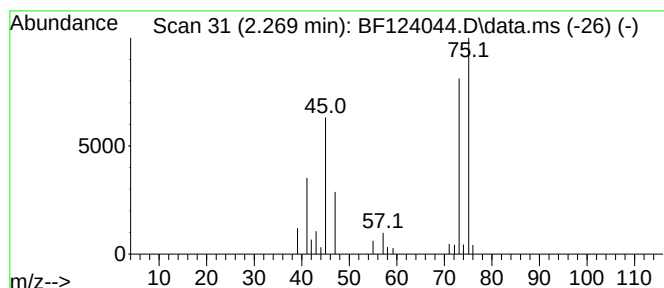
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.269	2.99 ng	58544	1,4-Dichlorobenzene-d4	6.892

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2		Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	25
3		1-Butanol, 4-methoxy-	104	C5H12O2	000111-32-0	9
4		Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	9
5		Trimethylene glycol monomethyl e...	90	C4H10O2	001589-49-7	9



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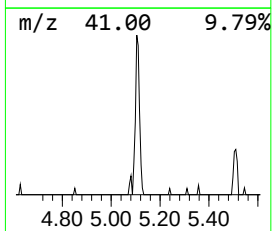
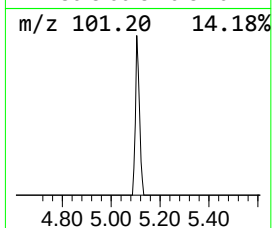
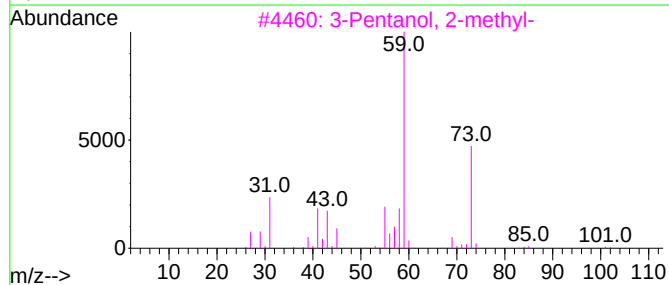
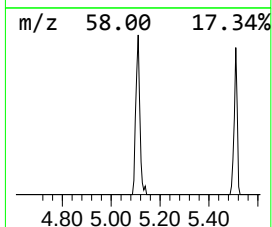
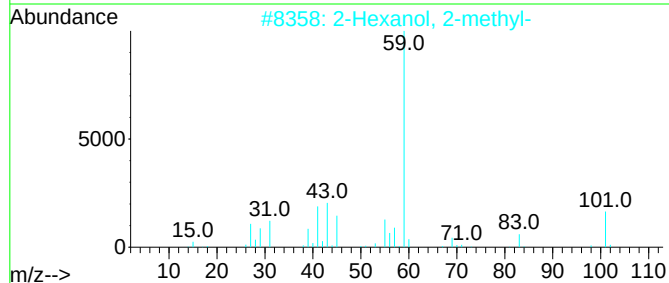
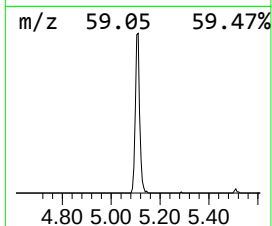
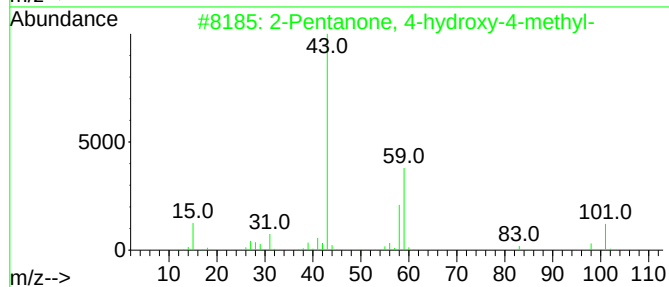
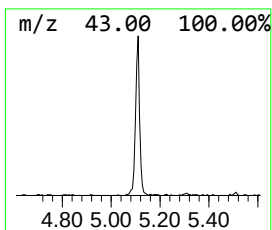
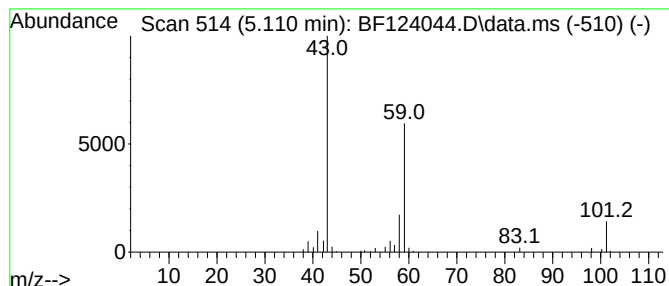
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	11.20 ng	219252	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40		
3	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	33		
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33		
5	Acetone	58	C3H6O	000067-64-1	9		



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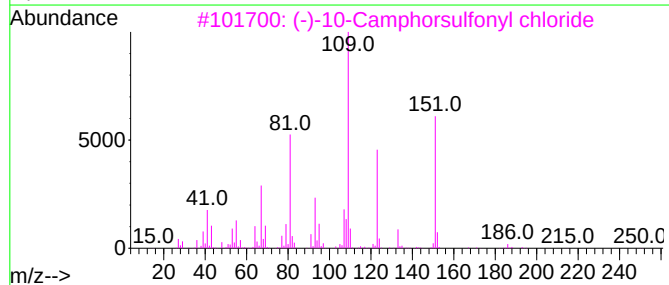
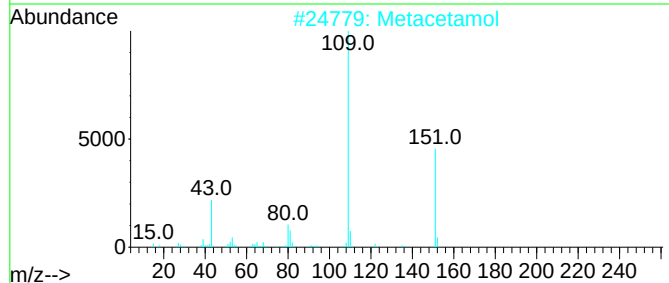
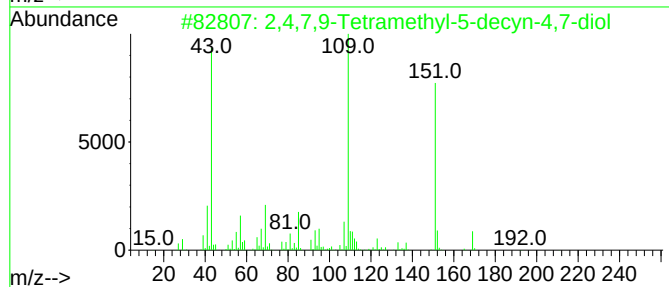
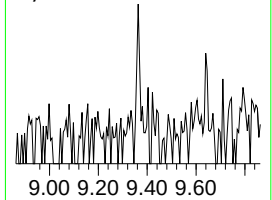
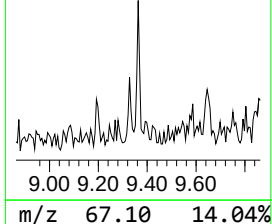
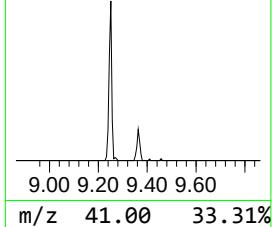
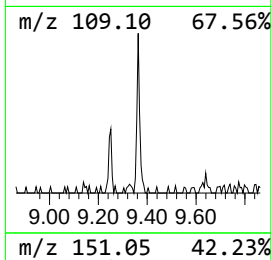
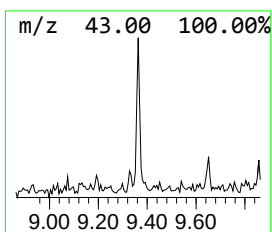
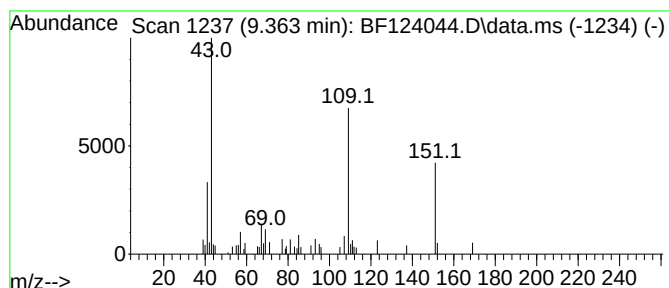
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Peak Number 4 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.363	2.37 ng	57386	Acenaphthene-d10	9.927

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90	
2	Metacetamol	151	C8H9NO2	000621-42-1	59	
3	(-)-10-Camphorsulfonyl chloride	250	C10H15ClO3S	039262-22-1	50	
4	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	45	
5	Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	45	



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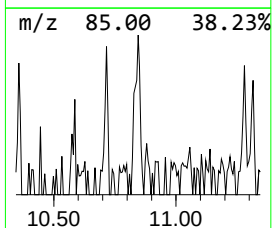
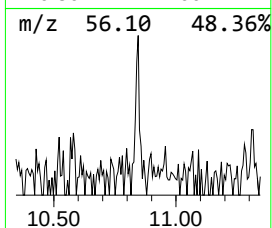
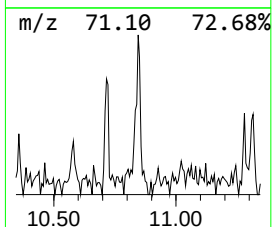
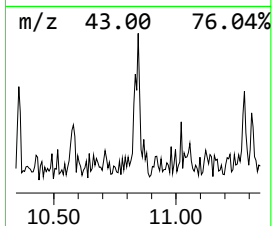
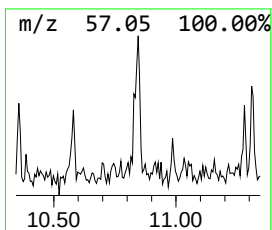
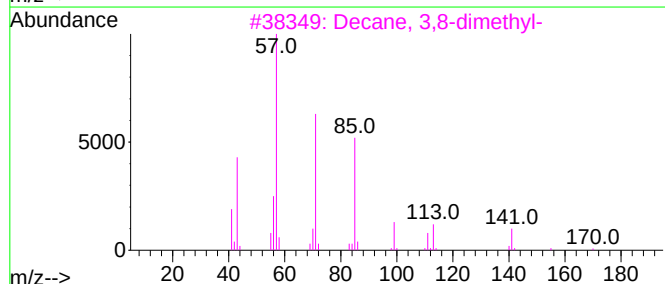
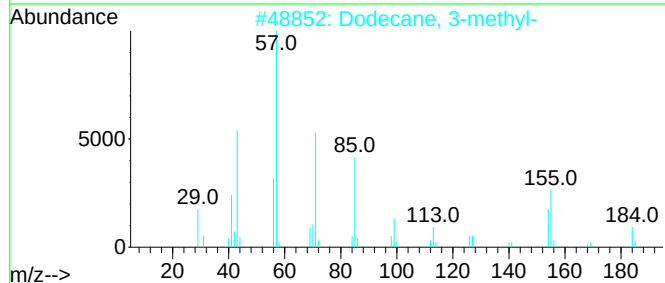
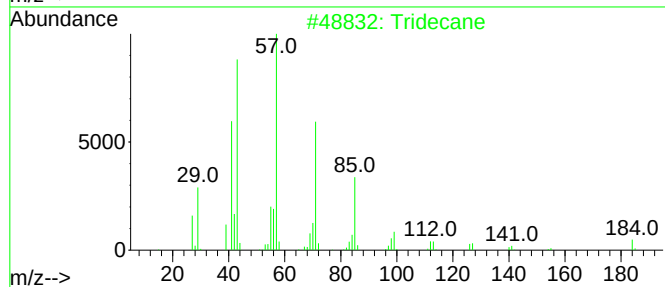
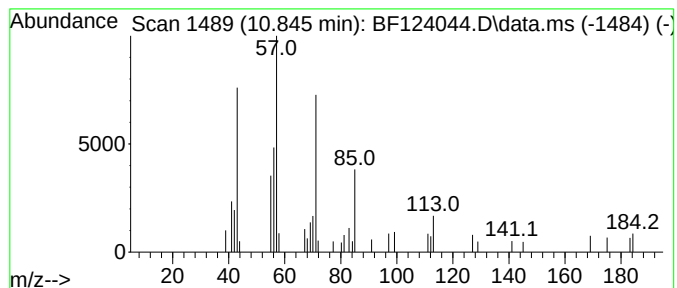
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.845	2.51 ng	53576	Phenanthrene-d10	11.416

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	72
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	58
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52
5			Hexacosane	366	C26H54	000630-01-3	52



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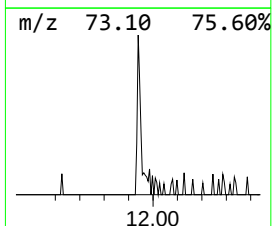
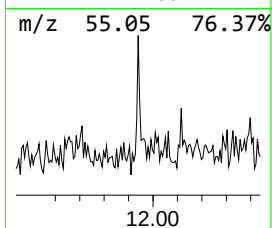
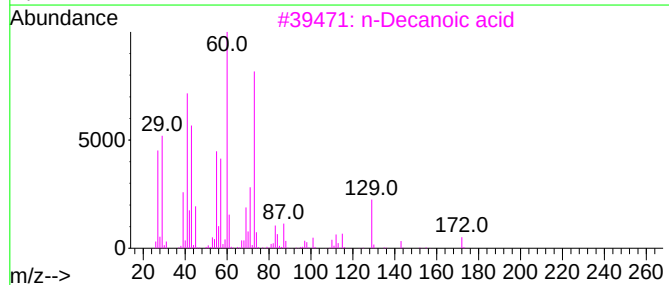
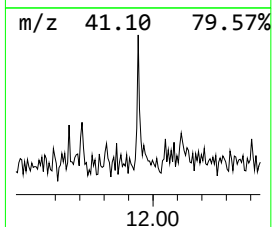
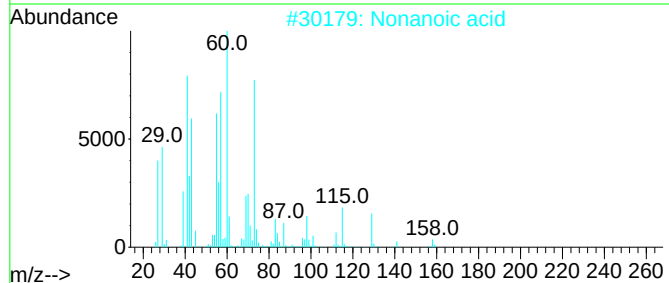
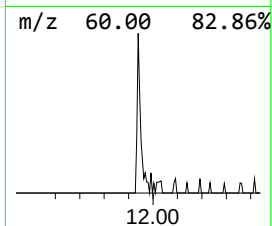
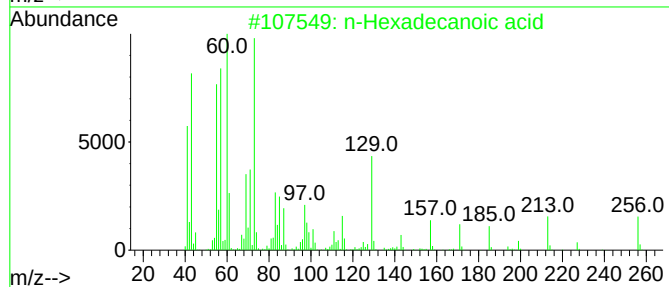
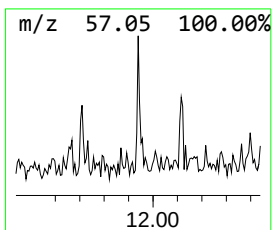
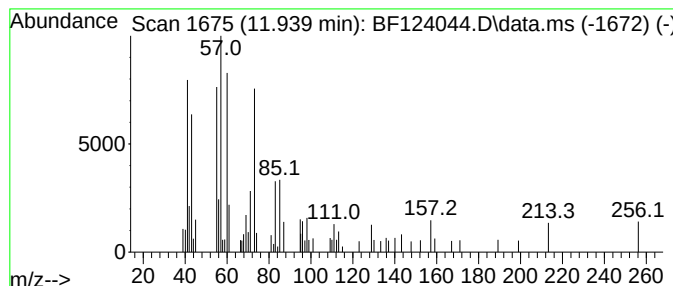
Instrument :
BNA_F
ClientSampleId :
MIXED-SUBBASE-GROUND-1-15-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.939	2.61 ng	55748	Phenanthrene-d10		11.416	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	70
2	Nonanoic acid		158	C9H18O2	000112-05-0	43
3	n-Decanoic acid		172	C10H20O2	000334-48-5	43
4	.alpha.-D-Glucopyranose, 4-O-.be...		342	C12H22O11	014641-93-1	43
5	Undecanoic acid, 10-bromo-		264	C11H21BrO2	018294-93-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
Data File : BF124044.D
Acq On : 24 May 2021 18:46
Operator : JU/CG
Sample : M2479-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MIXED-SUBBASE-GROUND-1-15-D

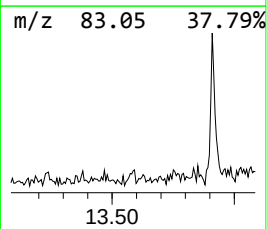
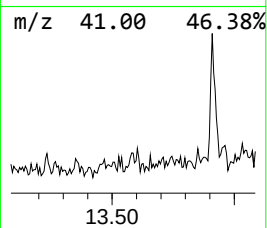
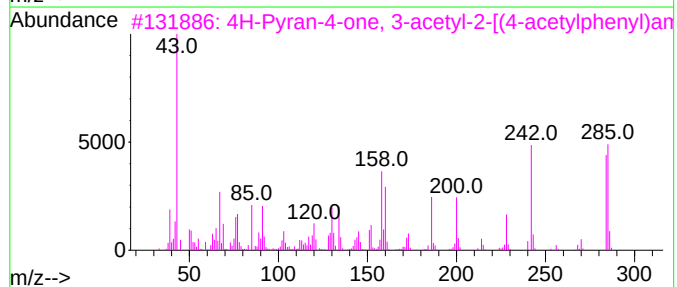
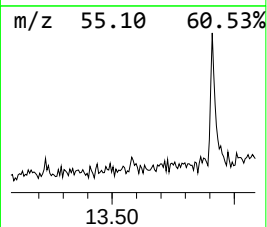
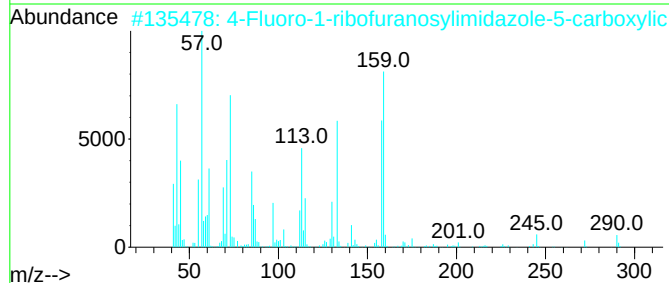
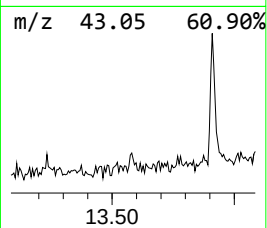
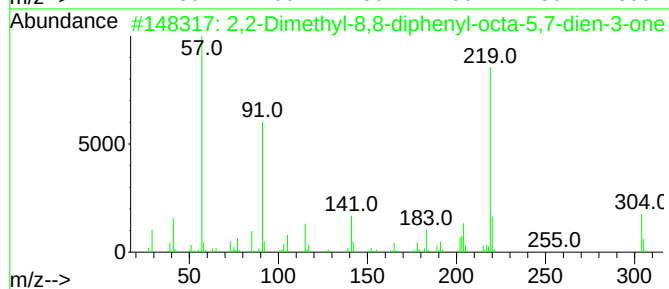
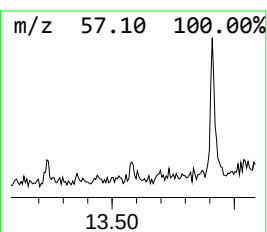
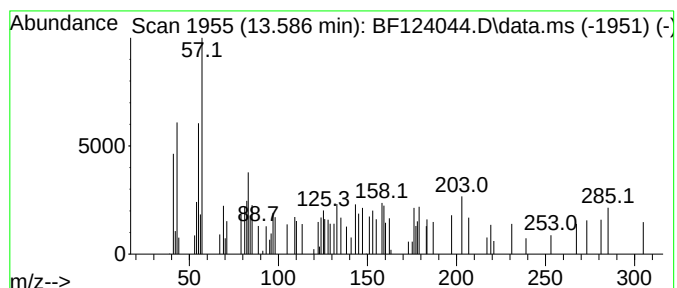
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown13.586 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.586	2.03 ng	35560	Chrysene-d12		14.062

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-8,8-diphenyl-octa-5...	304	C22H24O		1000190-49-5	9
2	4-Fluoro-1-ribofuranosylimidazol...	290	C11H15FN2O6		1000129-57-5	9
3	4H-Pyran-4-one, 3-acetyl-2-[(4-a...	285	C16H15NO4		1000350-41-2	7
4	Tricyclo[7.3.0.0(3,8)]dodec-1(9)...	273	C16H19NO3		1000160-30-7	4
5	Bicyclo[3.1.0]hexan-2-one, 6-.al...	273	C16H19NO3		1000160-30-8	4



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
Data File : BF124044.D
Acq On : 24 May 2021 18:46
Operator : JU/CG
Sample : M2479-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MIXED-SUBBASE-GROUND-1-15-D

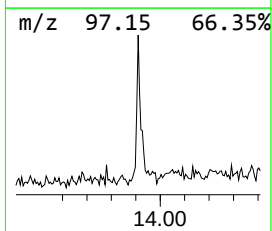
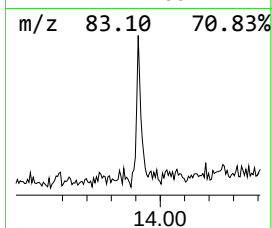
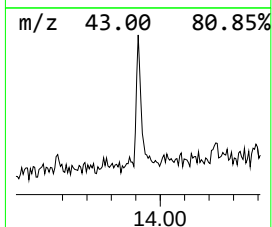
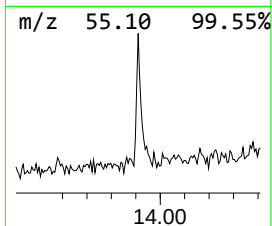
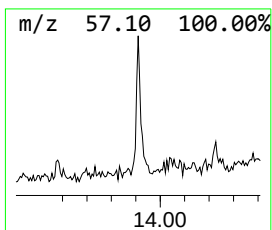
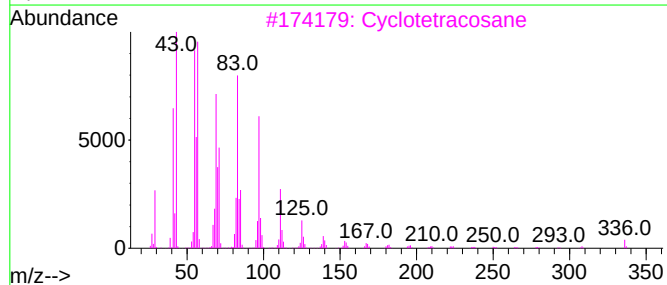
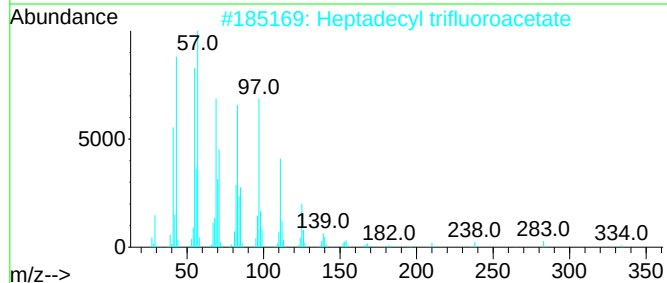
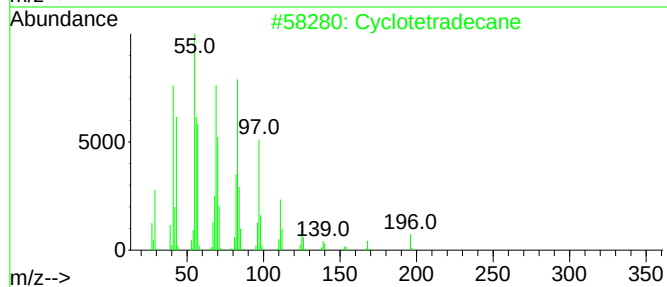
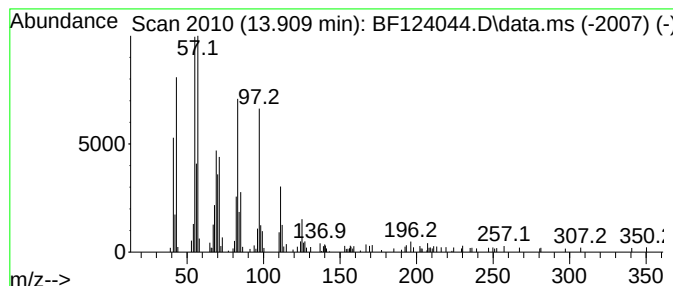
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Cyclotetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	13.39 ng	234342	Chrysene-d12	14.062

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetradecane	196	C14H28	000295-17-0	92
2			Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
3			Cyclotetracosane	336	C24H48	000297-03-0	91
4			1-Tricosene	322	C23H46	018835-32-0	91
5			2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052421\
Data File : BF124044.D
Acq On : 24 May 2021 18:46
Operator : JU/CG
Sample : M2479-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MIXED-SUBBASE-GROUND-1-15-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.163	33.0	ng	646912	1	6.892	391657	20.0
Propane, 1,1-di...	2.269	3.0	ng	58544	1	6.892	391657	20.0
2-Pentanone, 4-...	5.110	11.2	ng	219252	1	6.892	391657	20.0
2,4,7,9-Tetrame...	9.363	2.4	ng	57386	3	9.927	483317	20.0
Tridecane	10.845	2.5	ng	53576	4	11.416	427348	20.0
n-Hexadecanoic ...	11.939	2.6	ng	55748	4	11.416	427348	20.0
unknown13.586	13.586	2.0	ng	35560	5	14.062	350051	20.0
Cyclotetradecane	13.910	13.4	ng	234342	5	14.062	350051	20.0