LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124078.D
Acq On : 26 May 2021 22:53
Operator : JU/CG
Sample : M2535-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHOST-4

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: BF124078.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.216	15	22	27	rBV	364273	447456	30.81%	4.483%
2	2.369	45	48	53	rVB2	18056	24136	1.66%	0.242%
3	3.669	262	269	275	rVB2	16933	28748	1.98%	0.288%
4	3.799	282	291	296	rBB4	18142	34764	2.39%	0.348%
5	5.128	513	517	523	rVB	29756	35874	2.47%	0.359%
6	5.516	575	583	586	rBV	1281121	1255907	86.48%	12.583%
7	6.522	745	754	757	rBV	1146508	1222871	84.20%	12.252%
8	6.716	784	787	795	rBV3	37990	51519	3.55%	0.516%
9	6.893	813	817	820	rBV	419584	340200	23.43%	3.409%
10	7.451	905	912	915	rBV	884490	843287	58.07%	8.449%
11	8.175	1031	1035	1039	rBV	496686	397822	27.39%	3.986%
12	9.251	1213	1218	1221	rBV	1896695	1452272	100.00%	14.551%
13	9.363	1233	1237	1242	rBV	30772	33170	2.28%	0.332%
14	9.639	1281	1284	1288	rBV	178510	152567	10.51%	1.529%
15	9.933	1330	1334	1340	rBV	487146	452373	31.15%	4.532%
16	10.716	1463	1467	1481	rBV	838094	877752	60.44%	8.794%
17	11.416	1583	1586	1590	rBV	436297	415004	28.58%	4.158%
18	11.939	1673	1675	1679	rBV4	35791	42610	2.93%	0.427%
19	12.251	1726	1728	1731	rBV3	19243	18753	1.29%	0.188%
20	12.892	1834	1837	1841	rBV6	21208	26434	1.82%	0.265%
21	13.004	1852	1856	1860	rBV	1139606	1068610	73.58%	10.707%
22	13.245	1895	1897	1900	rVB3	23276	22196	1.53%	0.222%
23	13.957	2015	2018	2024	rBV6	62780	109903	7.57%	1.101%
24	14.063	2033	2036	2040	rVB	307511	284725	19.61%	2.853%
25	14.163	2051	2053	2056	rVB3	26961	27931	1.92%	0.280%
26	15.563	2287	2291	2298	rVB	220574	314016	21.62%	3.146%

Sum of corrected areas: 9980900

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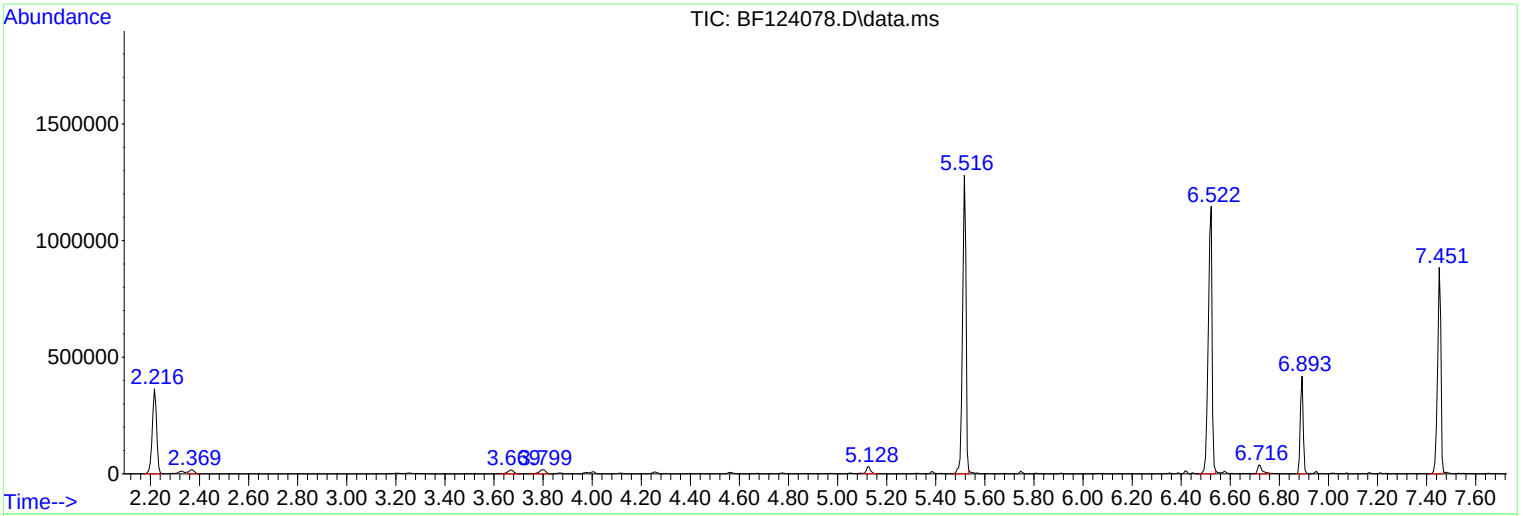
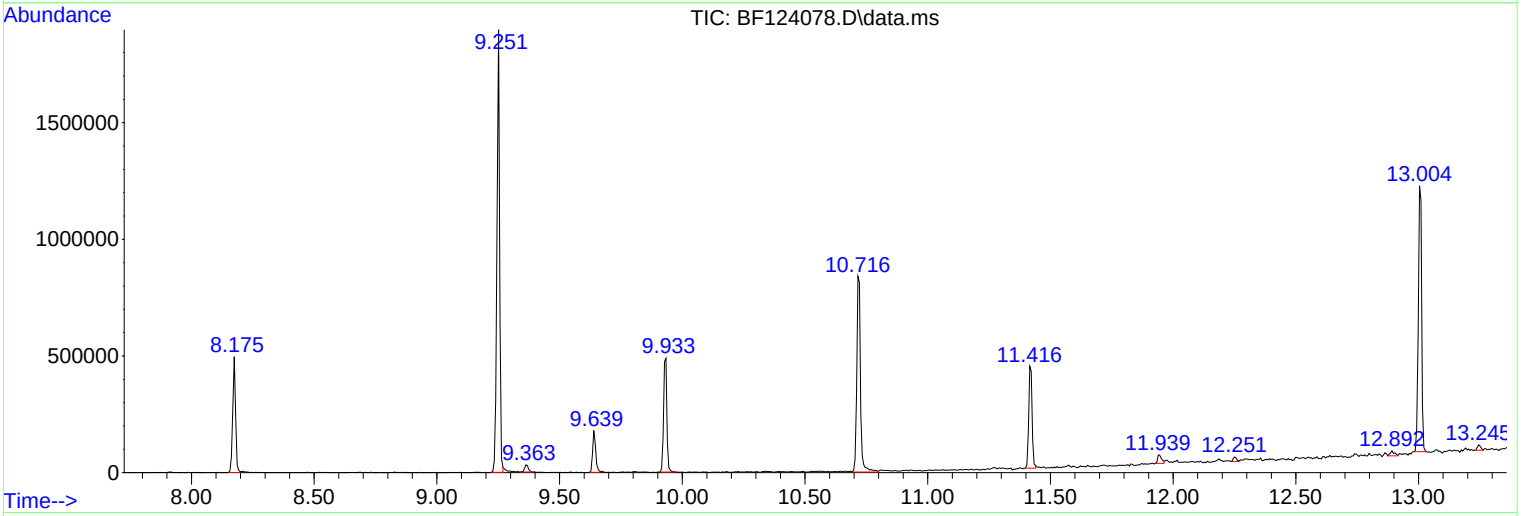
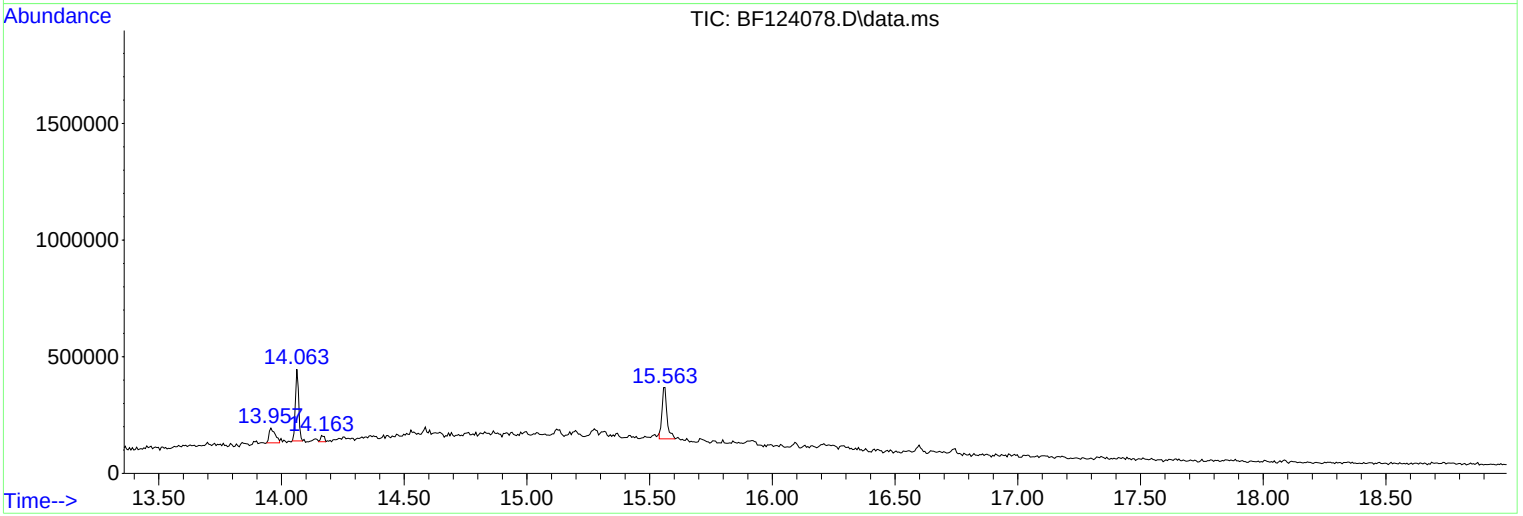
Instrument :
BNA_F
ClientSampleId :
GHOST-4

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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Acq On : 26 May 2021 22:53
Operator : JU/CG
Sample : M2535-08
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Instrument : BNA_F
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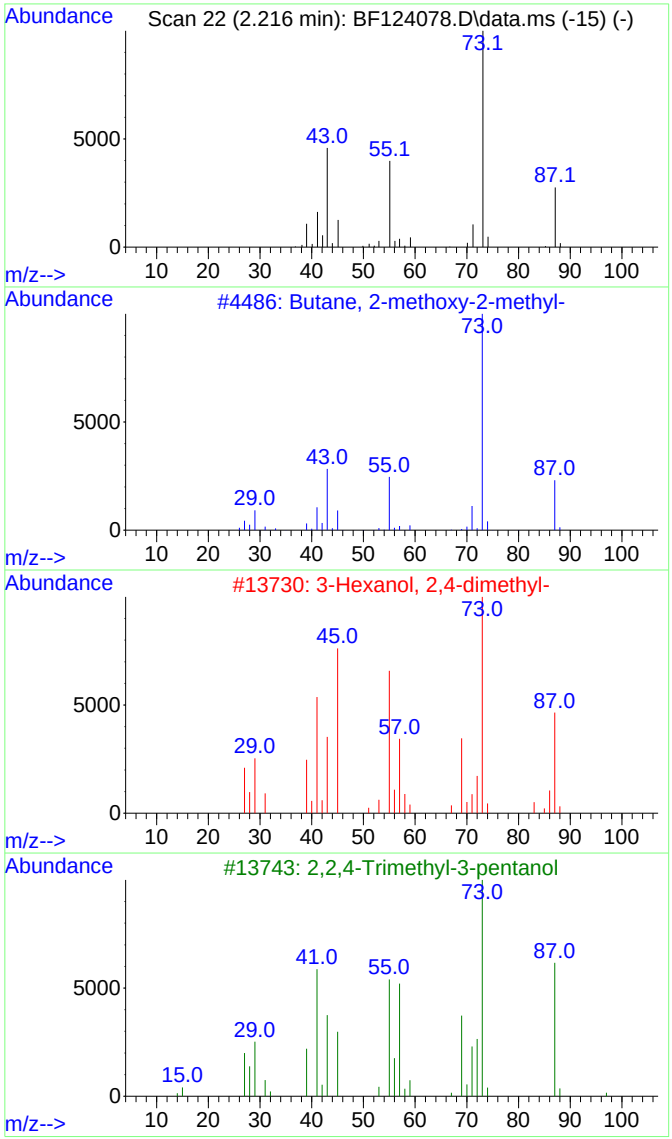
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

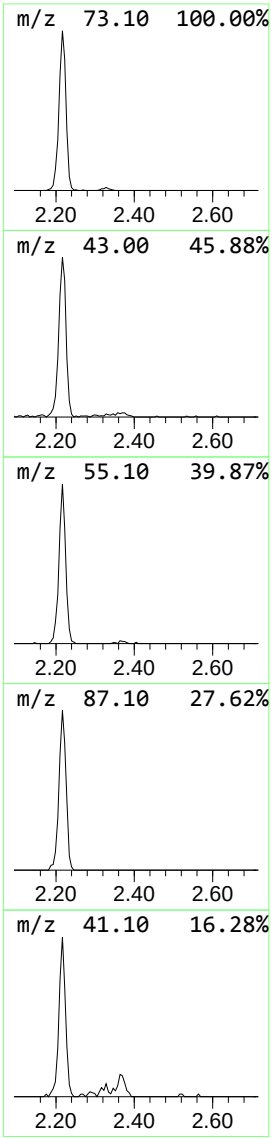
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.216	26.31 ng	447456	1,4-Dichlorobenzene-d4	6.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	45
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	t-Butyl nitrite	103	C4H9NO2	000540-80-7	9





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Data File : BF124078.D
Acq On : 26 May 2021 22:53
Operator : JU/CG
Sample : M2535-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-4

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

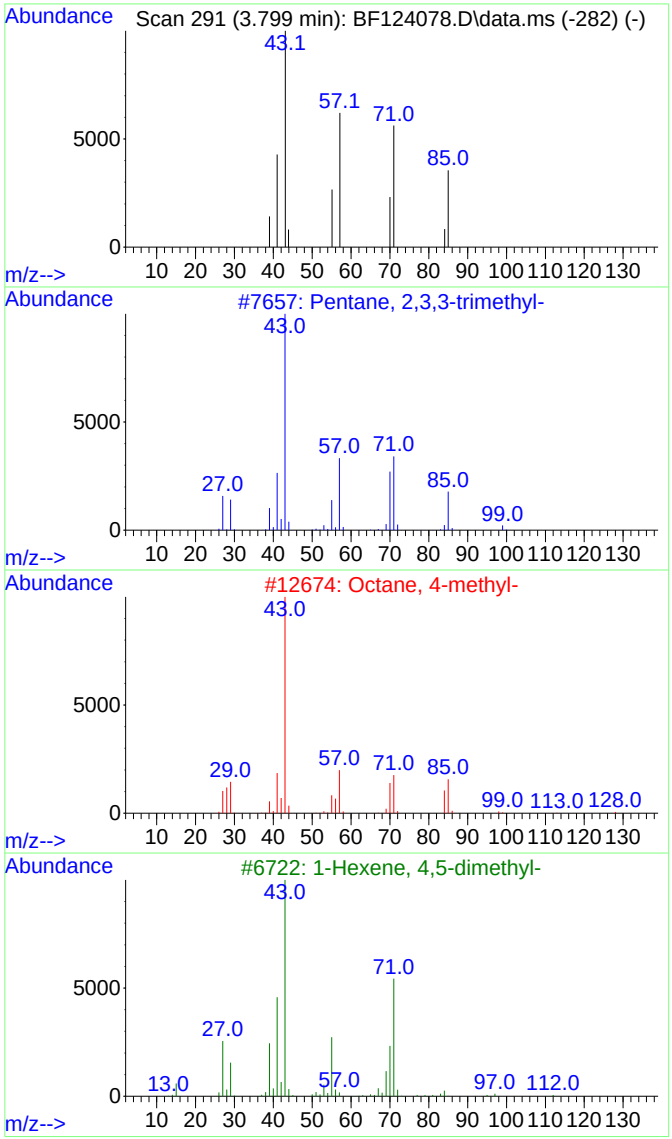
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

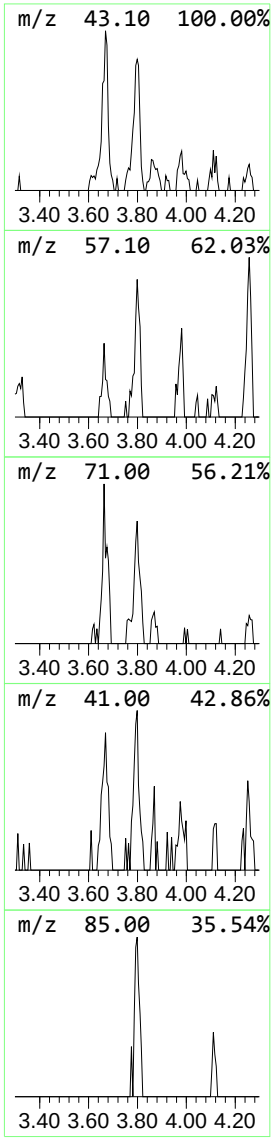
****

Peak Number 2 Pentane, 2,3,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.799	2.04 ng	34764	1,4-Dichlorobenzene-d4	6.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	50
2	Octane, 4-methyl-	128	C9H20	002216-34-4	38
3	1-Hexene, 4,5-dimethyl-	112	C8H16	016106-59-5	36
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	28
5	Azetidine, 1-methyl-	71	C4H9N	004923-79-9	9





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Data File : BF124078.D
Acq On : 26 May 2021 22:53
Operator : JU/CG
Sample : M2535-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-4

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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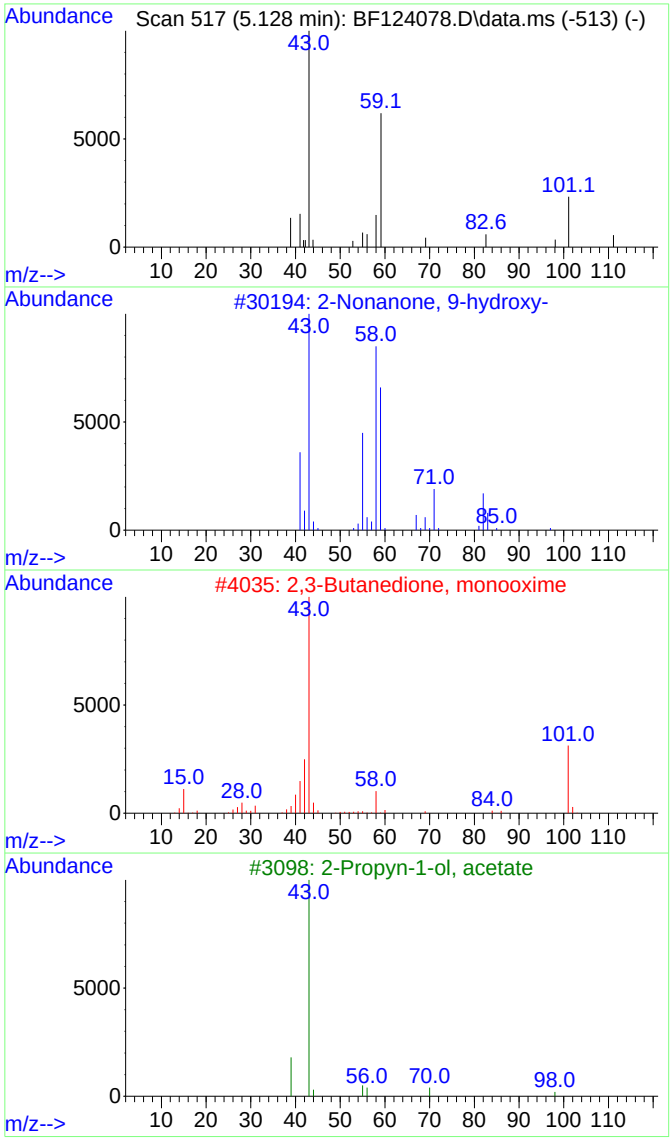
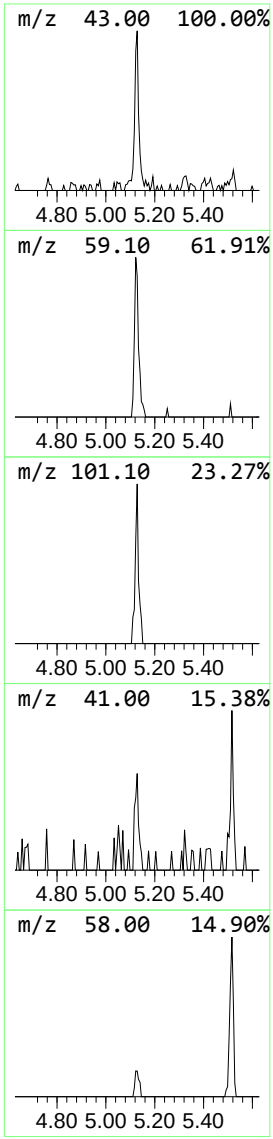
Peak Number 3 unknown5.128 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.128	2.11 ng	35874	1,4-Dichlorobenzene-d4	6.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	25
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	2-Propyn-1-ol, acetate	98	C5H6O2	000627-09-8	9
4	2-Nonanone	142	C9H18O	000821-55-6	9
5	CH3C(O)OCH(CH2CH3)C(CH3)3	158	C9H18O2	039511-81-4	9





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Acq On : 26 May 2021 22:53
Operator : JU/CG
Sample : M2535-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-4

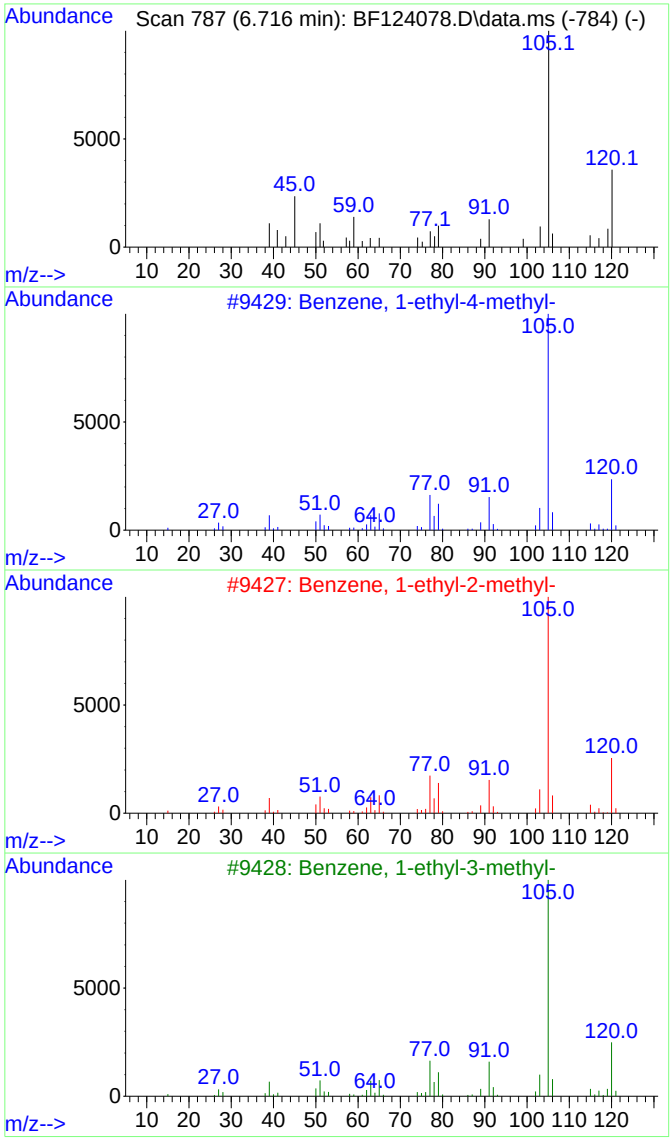
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

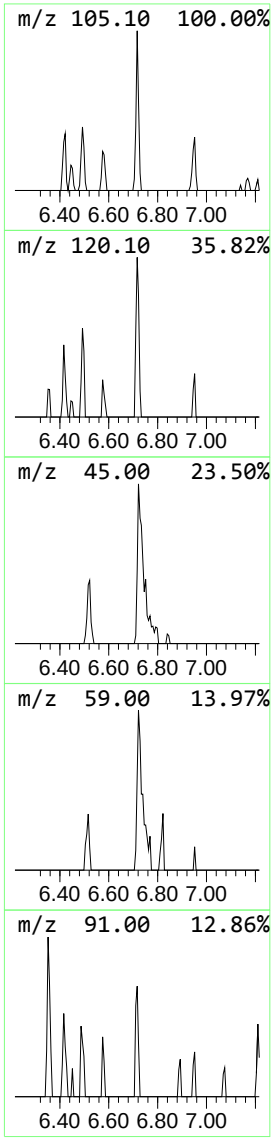
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.716	3.03 ng	51519	1,4-Dichlorobenzene-d4	6.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	53
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	53
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	50
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	43
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	38





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Data File : BF124078.D
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Sample : M2535-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
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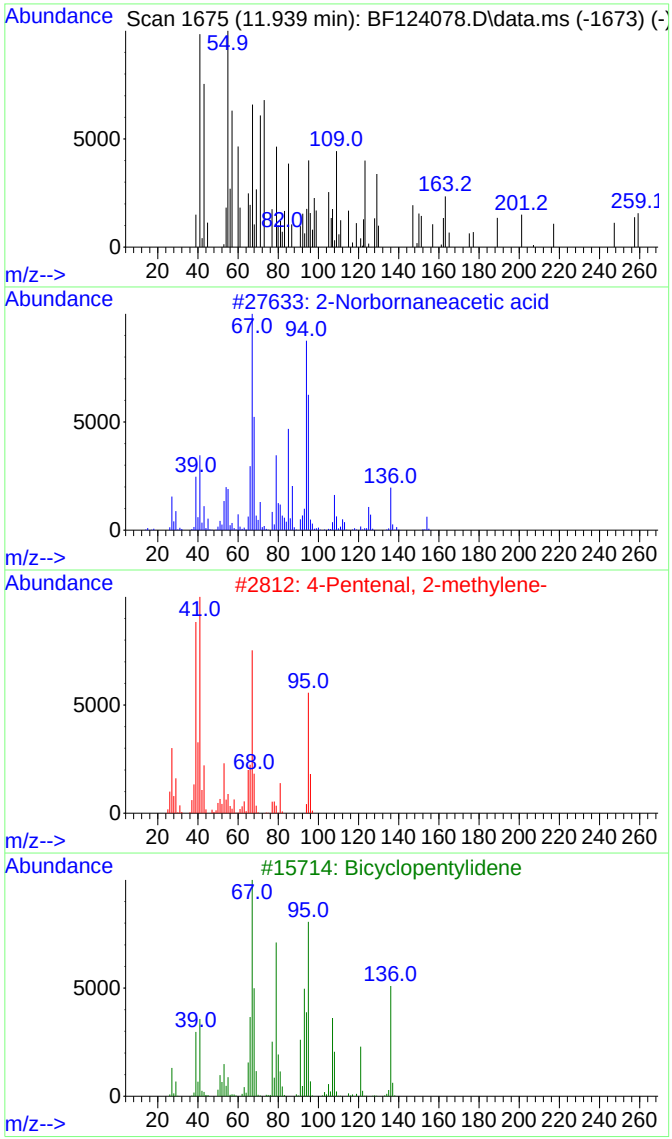
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

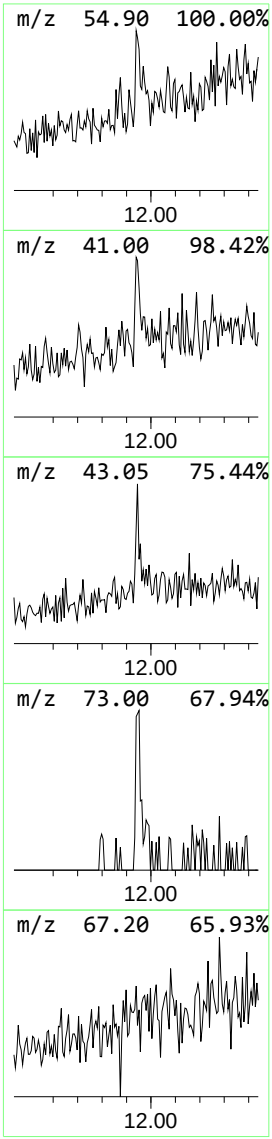
****

Peak Number 5 unknown11.939 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	2.05 ng	42610	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Norbornaneacetic acid	154	C9H14O2	001007-01-8	27
2	4-Pentenal, 2-methylene-	96	C6H8O	017854-46-5	22
3	Bicyclopentylidene	136	C10H16	016189-35-8	22
4	1-methyl-4-(prop-1-en-2-yl)-7-ox...	166	C10H14O2	1000365-66-7	12
5	1,4-Undecadiene, (Z)-	152	C11H20	055976-14-2	12





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ClientSampleId :
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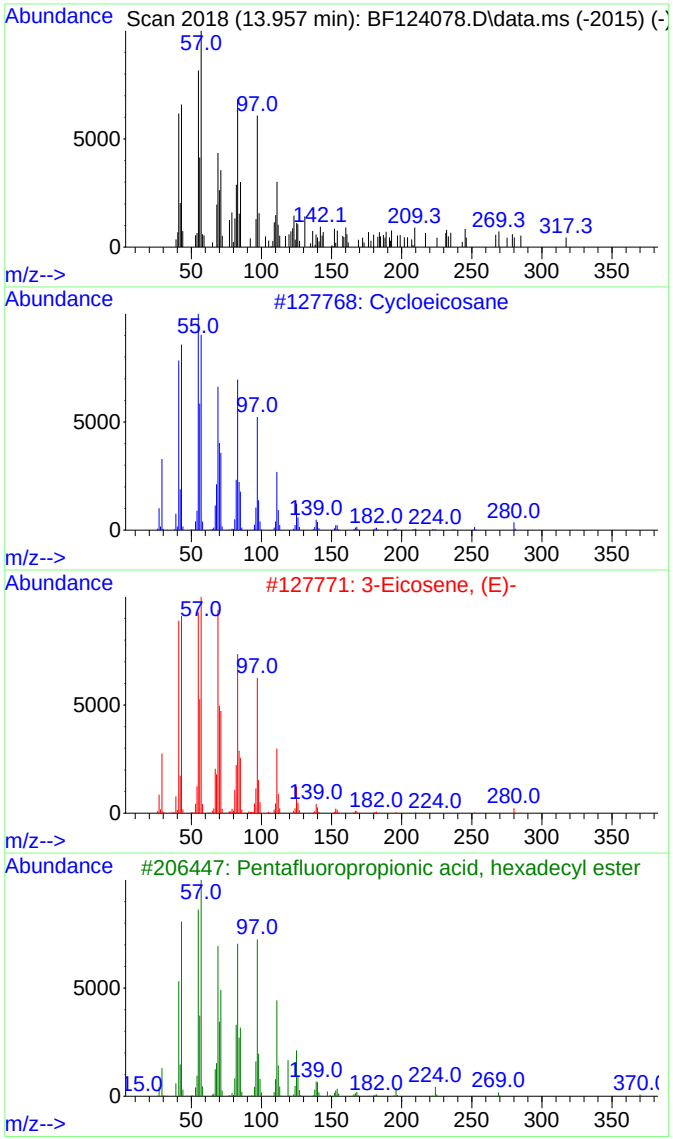
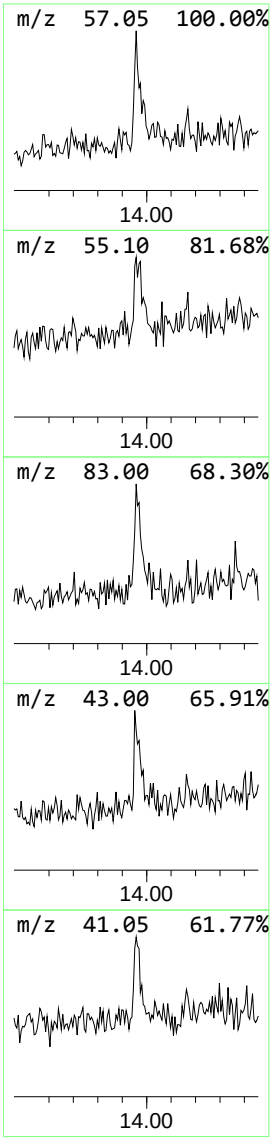
Peak Number 6 Cycloeicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.957	7.72 ng	109903	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	83
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	83
4	1-Eicosene	280	C20H40	003452-07-1	81
5	Octacosanol	410	C28H58O	000557-61-9	76





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_F
ClientSampleId : GHOST-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.216	26.3	ng	447456	1	6.893	340200	20.0
Pentane, 2,3,3-...	3.799	2.0	ng	34764	1	6.893	340200	20.0
unknown5.128	5.128	2.1	ng	35874	1	6.893	340200	20.0
Benzene, 1-ethy...	6.716	3.0	ng	51519	1	6.893	340200	20.0
unknown11.939	11.939	2.0	ng	42610	4	11.416	415004	20.0
Cycloeicosane	13.957	7.7	ng	109903	5	14.063	284725	20.0