LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081759.D
Acq On : 23 Sep 2015 7:05
Operator : UM/IZ
Sample : G3748-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP202-42-44

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:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.258	10	15	17	rVV	833392	1246212	29.20%	5.960%
2	1.327	17	21	27	rVB3	16017	42852	1.00%	0.205%
3	1.430	29	30	36	rBV	237915	624705	14.64%	2.987%
4	1.521	36	38	79	rVB	1169184	4268349	100.00%	20.412%
5	4.436	288	293	314	rBV	274719	896684	21.01%	4.288%
6	5.316	366	370	392	rBV	791774	1591691	37.29%	7.612%
7	7.579	564	568	572	rBV	767235	1597317	37.42%	7.639%
8	7.659	572	575	595	rVB	966203	1754706	41.11%	8.391%
9	8.127	613	616	623	rVB	155543	273069	6.40%	1.306%
10	8.459	641	645	656	rBB	696181	1174142	27.51%	5.615%
11	9.442	726	731	734	rBV	528706	1005654	23.56%	4.809%
12	11.031	866	870	880	rBV	205445	348408	8.16%	1.666%
13	13.682	1096	1102	1105	rBV	902599	1659572	38.88%	7.936%
14	14.734	1190	1194	1200	rBV	200606	335641	7.86%	1.605%
15	15.157	1227	1231	1236	rBV2	215004	372202	8.72%	1.780%
16	17.065	1394	1398	1411	rBB	526821	1085469	25.43%	5.191%
17	18.666	1534	1538	1541	rBV	231808	381827	8.95%	1.826%
18	20.426	1689	1692	1700	rBV	24058	58116	1.36%	0.278%
19	21.969	1824	1827	1829	rBV	81725	92866	2.18%	0.444%
20	22.049	1831	1834	1837	rBV	1084205	1340309	31.40%	6.410%
21	22.883	1904	1907	1909	rBV	50436	66527	1.56%	0.318%
22	23.295	1940	1943	1944	rBV2	65085	86820	2.03%	0.415%
23	23.329	1944	1946	1954	rVV	282411	320635	7.51%	1.533%
24	24.255	2025	2027	2029	rBV	71172	83454	1.96%	0.399%
25	24.769	2070	2072	2076	rBV	188353	203642	4.77%	0.974%

Sum of corrected areas: 20910869

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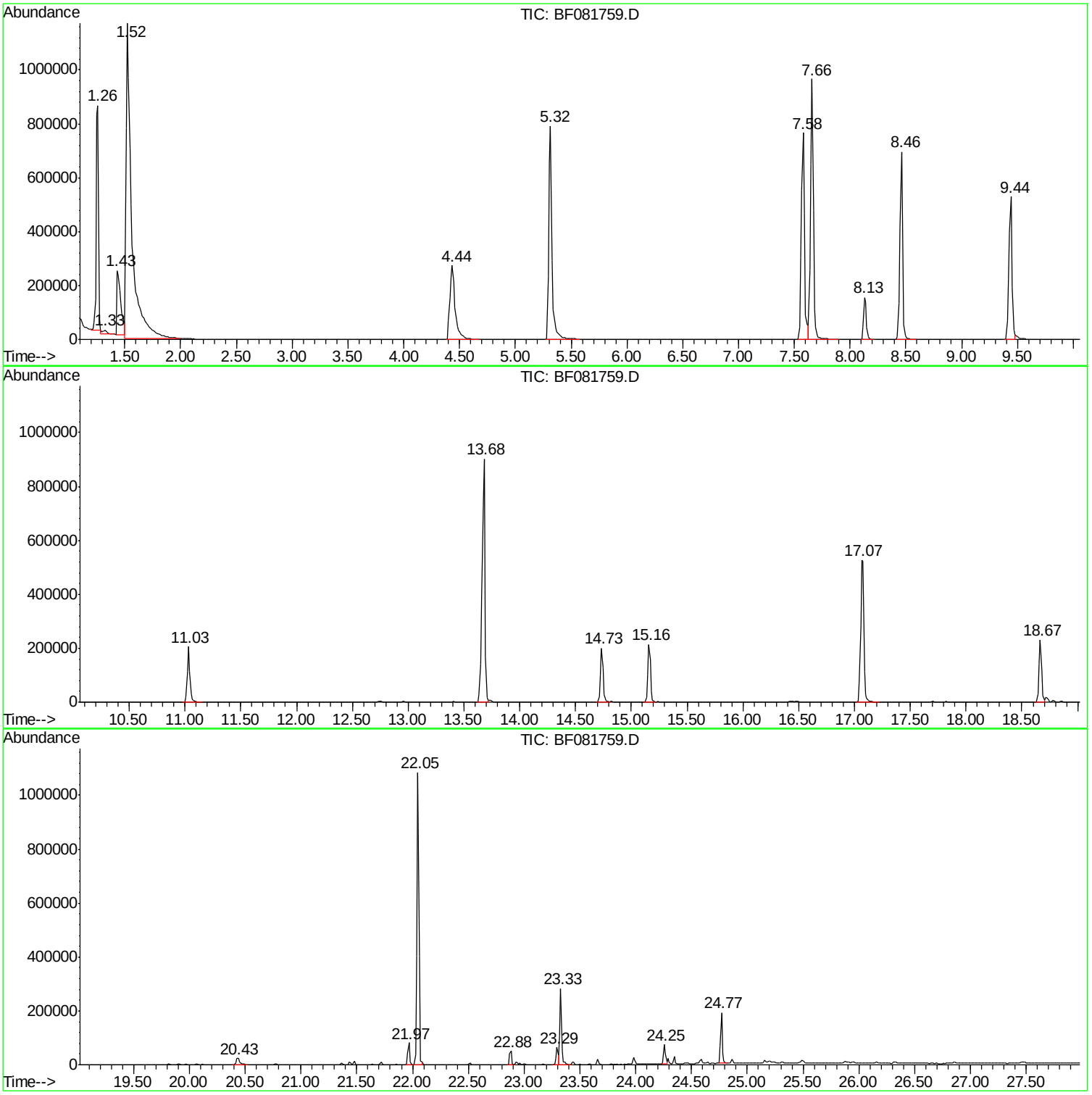
BNA_F
ClientSampleId :
MGP202-42-44

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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TIC Integration Parameters: LSCINT.P

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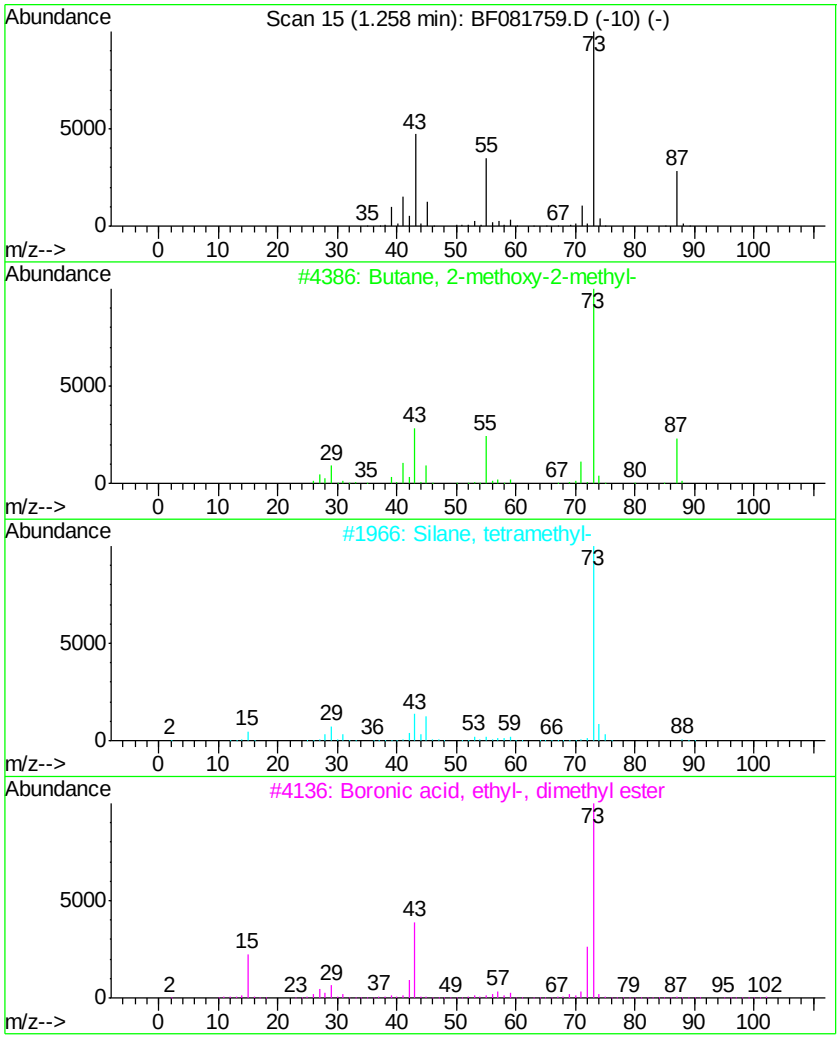
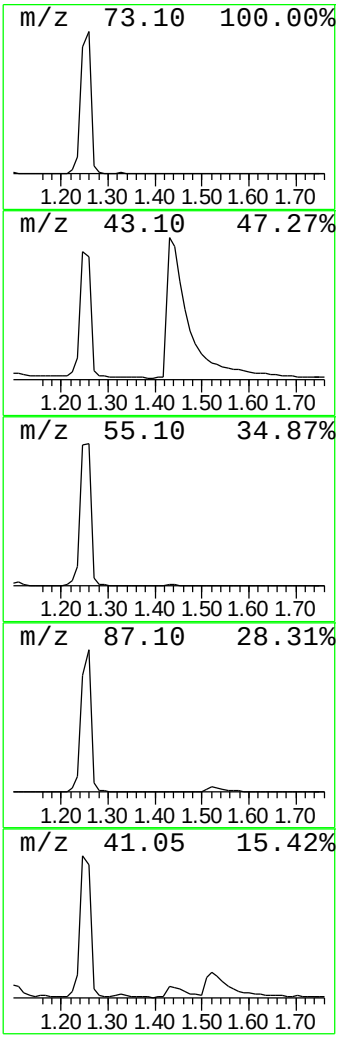
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.26	91.27 ng	1246210	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	12
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MGP202-42-44

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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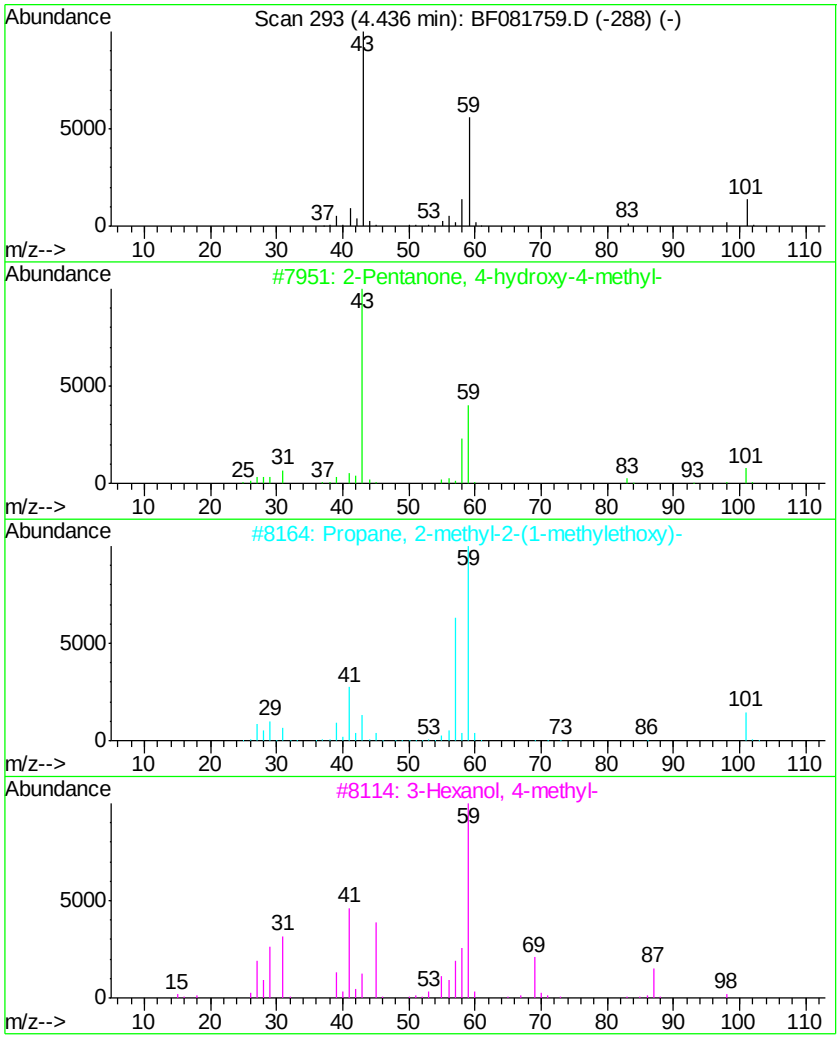
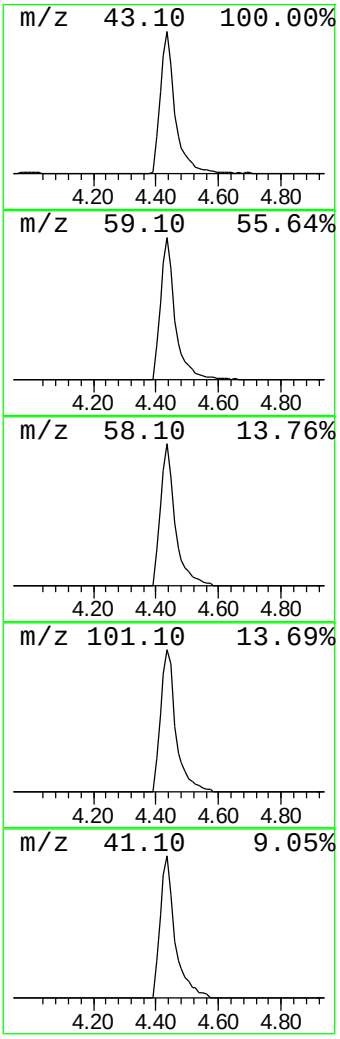
Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.44	65.67 ng	896684	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





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Sample : G3748-03
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Instrument : BNA_F
ClientSampleId : MGP202-42-44

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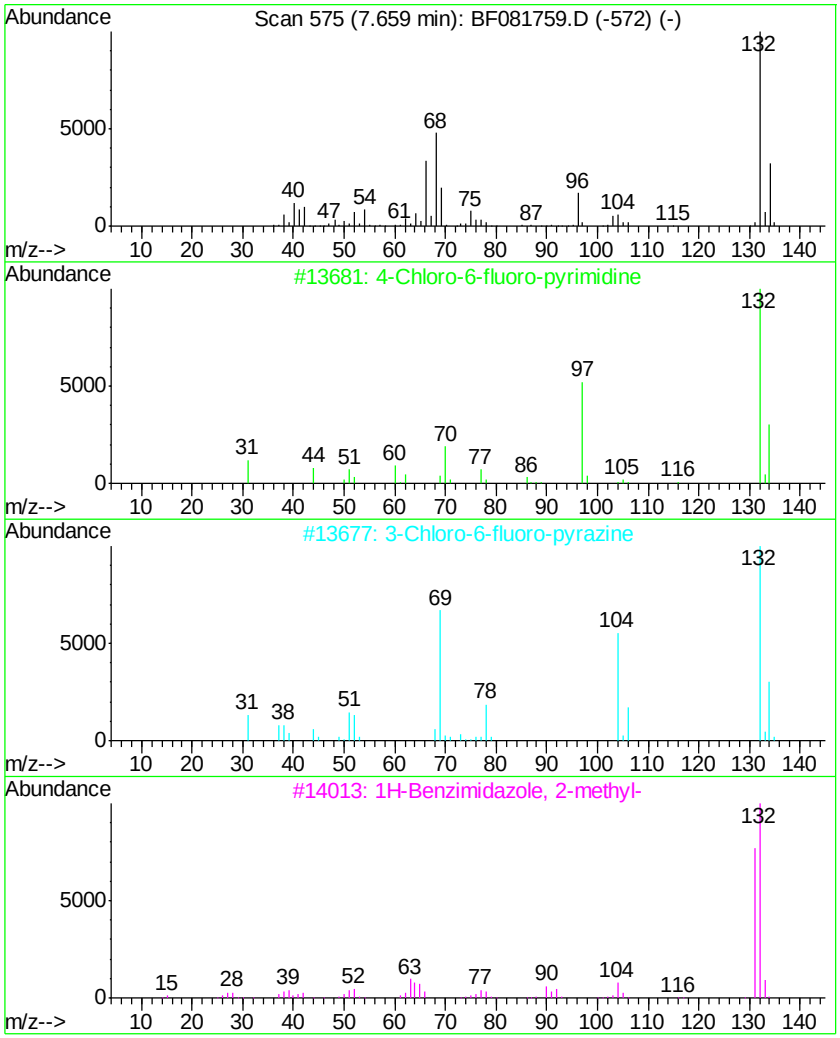
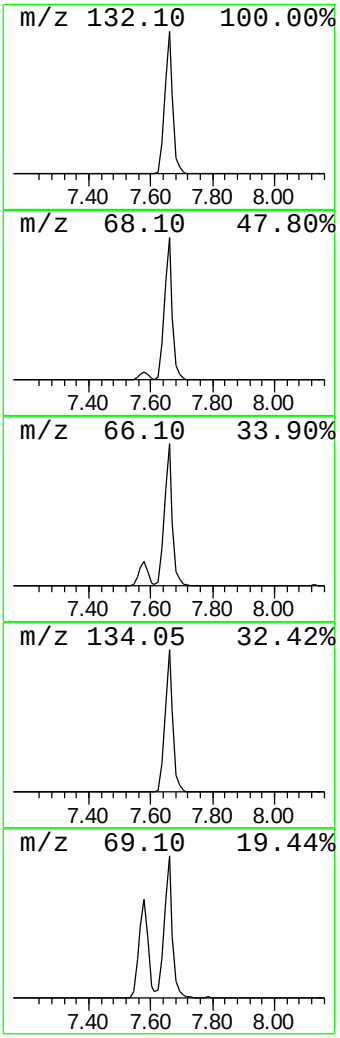
Peak Number 6 unknown7.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	128.52 ng	1754710	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	25
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	14
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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Instrument : BNA_F
ClientSampleId : MGP202-42-44

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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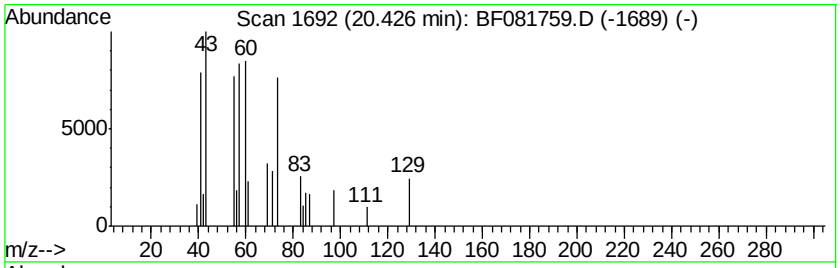
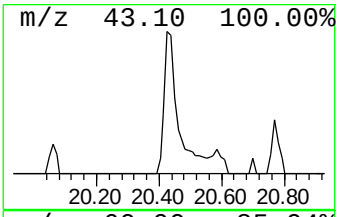
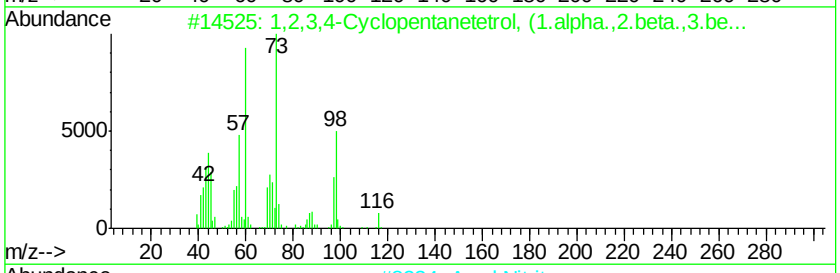
Peak Number 8 unknown20.43 Concentration Rank 11

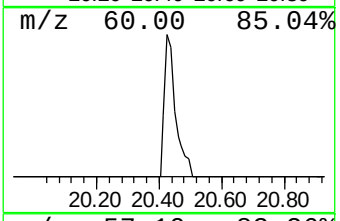
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	3.04 ng	58116	Phenanthrene-d10	18.67

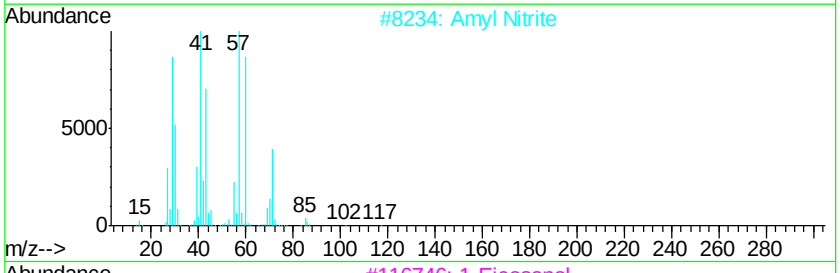
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,4-Cyclopentanetetrol, (1.a...	134	C5H10O4	014003-71-5	32
2	Amyl Nitrite	117	C5H11NO2	000110-46-3	16
3	1-Eicosanol	298	C20H42O	000629-96-9	10
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	10
5	1-Hexadecene	224	C16H32	000629-73-2	10

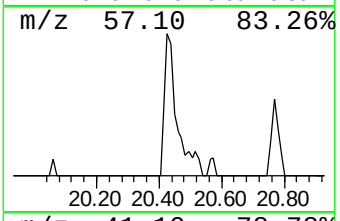


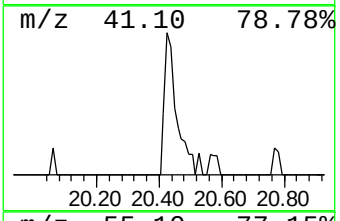


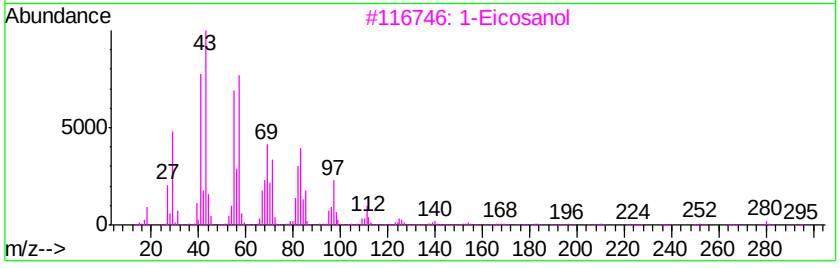


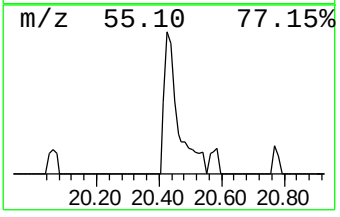












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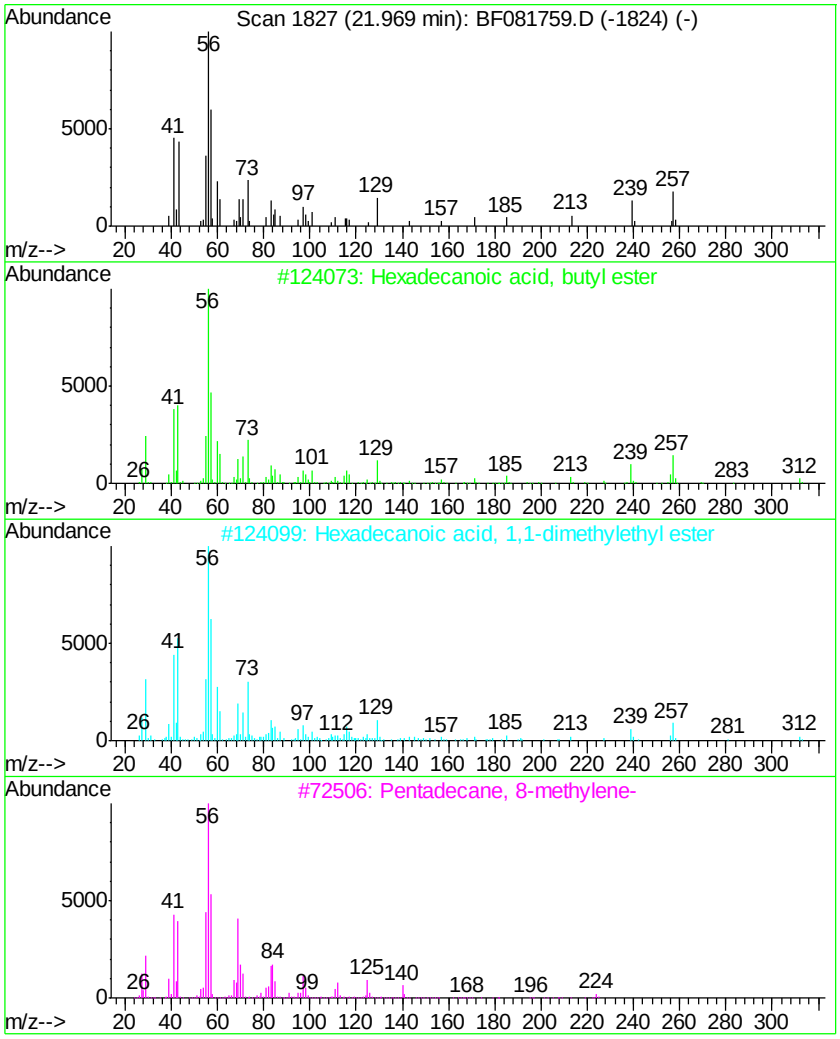
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

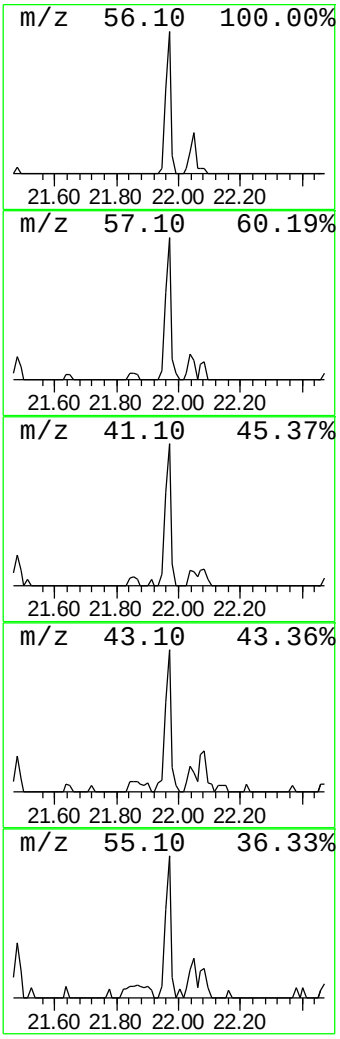
****

Peak Number 9 Hexadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.97	5.79 ng	92866	Chrysene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	52
3	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	38
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	35
5	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	35





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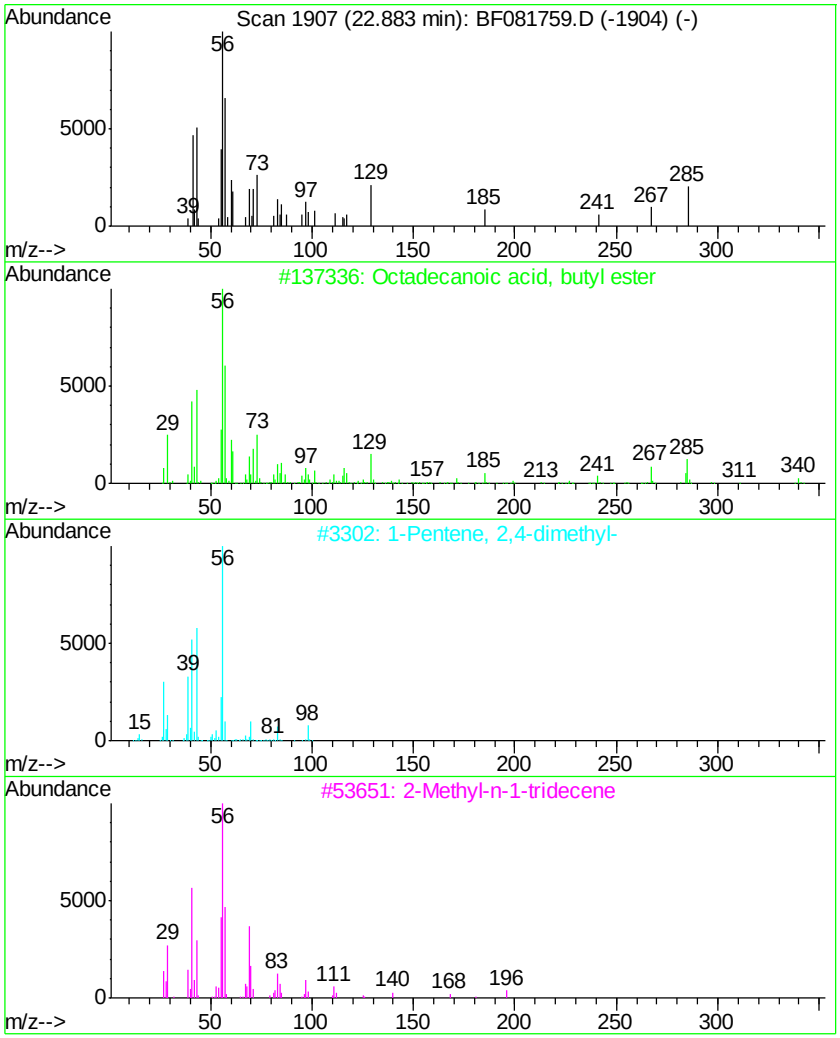
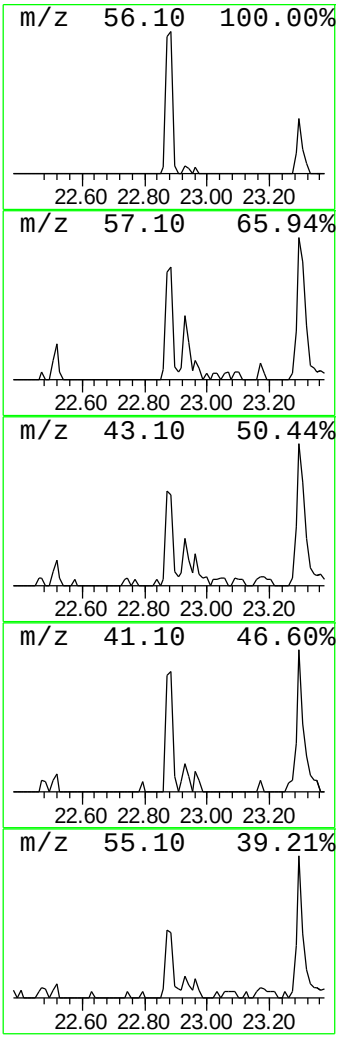
Peak Number 10 Octadecanoic acid, butyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.88	4.15 ng	66527	Chrysene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	27
3	2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	27
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	27
5	2-Methyl-1-octadecene	266	C19H38	061868-20-0	25





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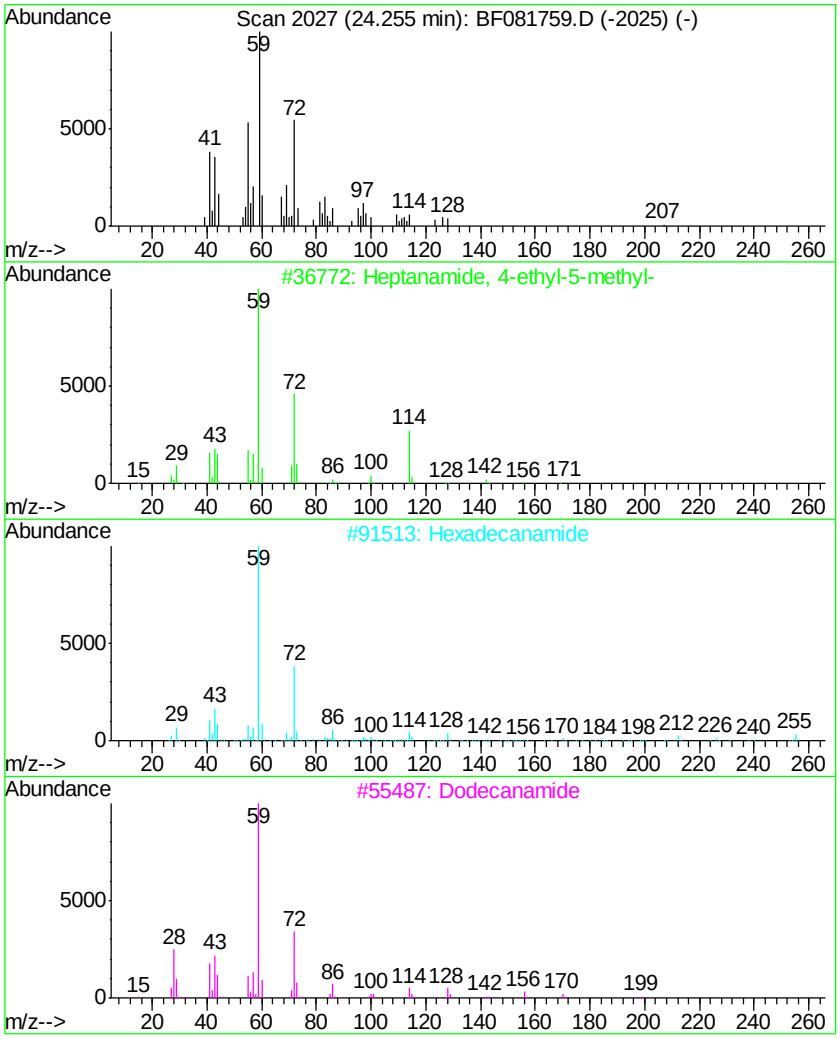
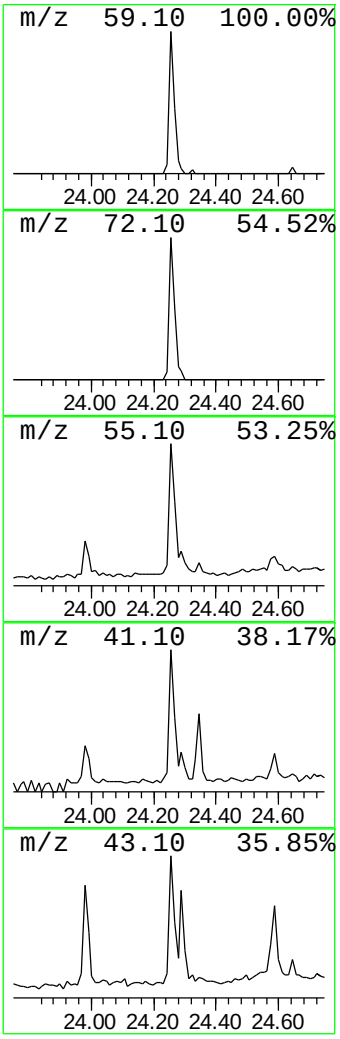
Peak Number 11 Heptanamide, 4-ethyl-5-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.25	8.20 ng	83454	Perylene-d12	24.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	59
2	Hexadecanamide	255	C16H33NO	000629-54-9	56
3	Dodecanamide	199	C12H25NO	001120-16-7	53
4	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	53
5	7-Nonenamide	155	C9H17NO	090949-53-4	50





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	1.26	91.3	ng	1246210	1	8.13	273069	20.0
2-Pentanone, 4-hy...	4.44	65.7	ng	896684	1	8.13	273069	20.0
unknown7.66	7.66	128.5	ng	1754710	1	8.13	273069	20.0
unknown20.43	20.43	3.0	ng	58116	4	18.67	381827	20.0
Hexadecanoic acid...	21.97	5.8	ng	92866	5	23.33	320635	20.0
Octadecanoic acid...	22.88	4.2	ng	66527	5	23.33	320635	20.0
Heptanamide, 4-et...	24.25	8.2	ng	83454	6	24.77	203642	20.0