LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096481.D
Acq On : 5 Jul 2017 13:58
Operator : SJ/MA
Sample : I4025-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP6-MH2098-COMP

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-BF070117.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	2.152	8	11	19	rBV	224852	324130	12.21%	1.364%
2	2.234	21	25	38	rVB	173567	298417	11.24%	1.256%
3	3.028	158	160	179	rBV	62265	153278	5.78%	0.645%
4	4.893	473	477	489	rVB	354228	469232	17.68%	1.974%
5	5.322	545	550	553	rBV	2499930	2476951	93.33%	10.422%
6	6.351	720	725	729	rVB	2469674	2642864	99.58%	11.120%
7	6.481	742	747	750	rBV	2651249	2512738	94.68%	10.572%
8	6.710	782	786	790	rBV	842959	675049	25.44%	2.840%
9	6.869	809	813	816	rBV	2117183	1793864	67.59%	7.548%
10	7.275	876	882	884	rBV	1539370	1605517	60.50%	6.755%
11	7.369	894	898	902	rBV	29193	33764	1.27%	0.142%
12	7.992	1000	1004	1007	rBV	1135854	929664	35.03%	3.912%
13	9.075	1182	1188	1191	rBV	2982929	2653957	100.00%	11.166%
14	9.463	1250	1254	1258	rBV	581155	488833	18.42%	2.057%
15	9.692	1290	1293	1296	rVB	41181	33387	1.26%	0.140%
16	9.745	1298	1302	1306	rBV	1058435	957662	36.08%	4.029%
17	10.192	1375	1378	1381	rBV	58647	45031	1.70%	0.189%
18	10.533	1431	1436	1439	rBV	1603315	1445847	54.48%	6.083%
19	10.663	1456	1458	1468	rBV	71357	82188	3.10%	0.346%
20	11.110	1531	1534	1537	rBV2	59538	55567	2.09%	0.234%
21	11.227	1550	1554	1557	rBV	1014920	826473	31.14%	3.477%
22	12.816	1819	1824	1827	rBV	1995743	1804715	68.00%	7.593%
23	13.715	1973	1977	1986	rBV	200577	218485	8.23%	0.919%
24	13.857	1997	2001	2005	rBV	704747	639682	24.10%	2.691%
25	14.351	2082	2085	2092	rBV2	35903	39855	1.50%	0.168%
26	15.268	2236	2241	2245	rBV	480119	560200	21.11%	2.357%

Sum of corrected areas: 23767350

LSC Report - Integrated Chromatogram

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Operator : SJ/MA
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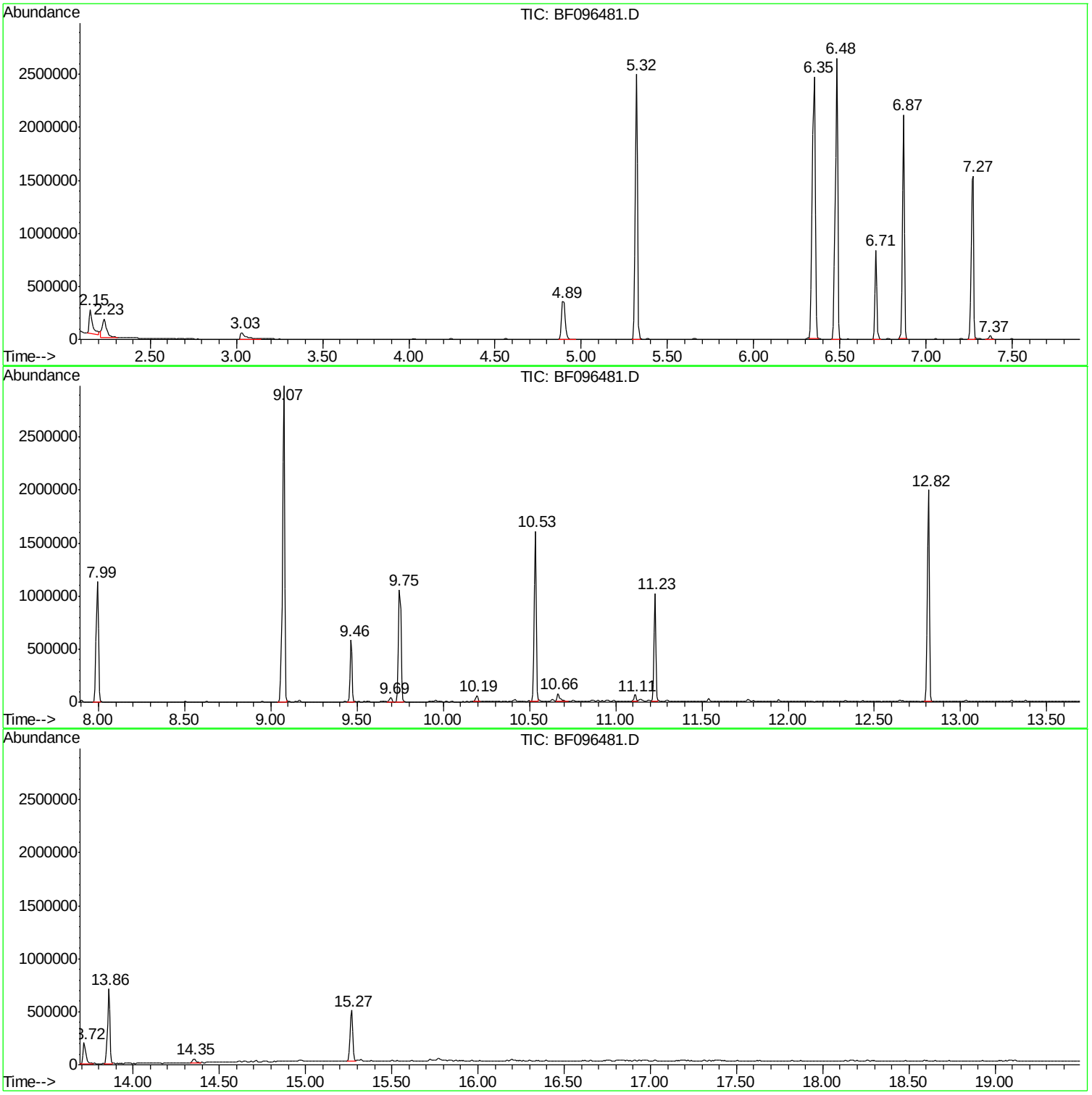
Instrument : BNA_F
ClientSampleId : TP6-MH2098-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
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Operator : SJ/MA
Sample : I4025-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP6-MH2098-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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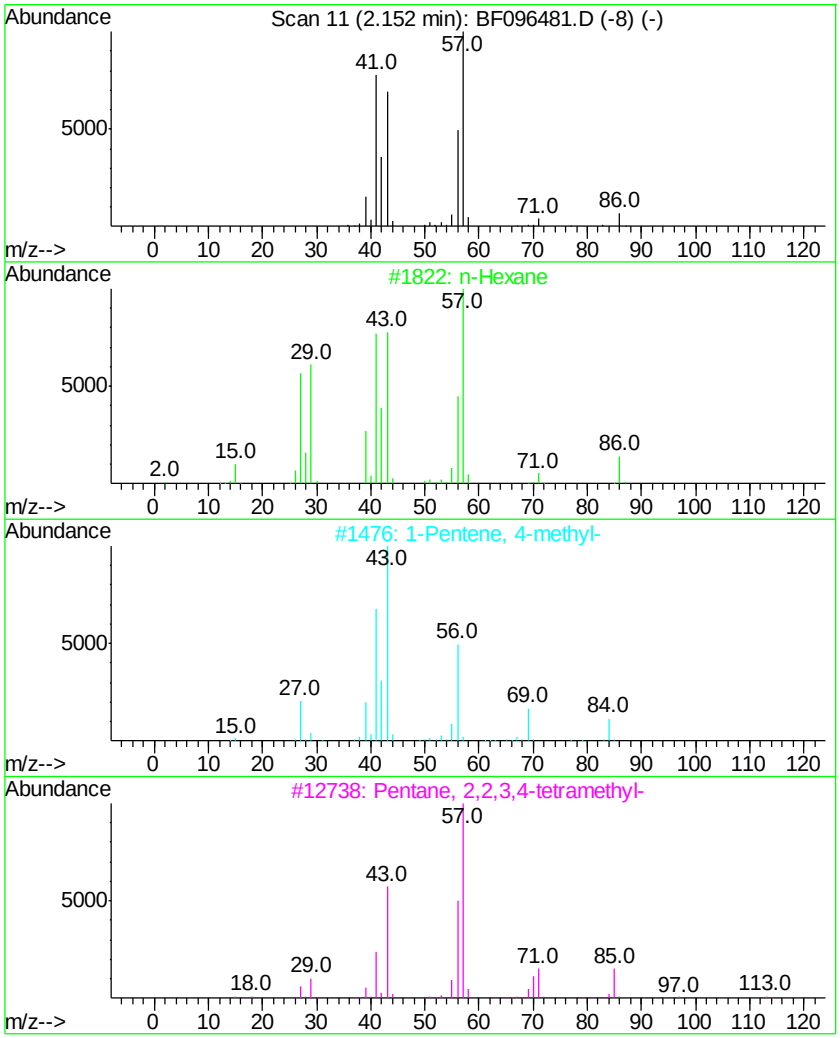
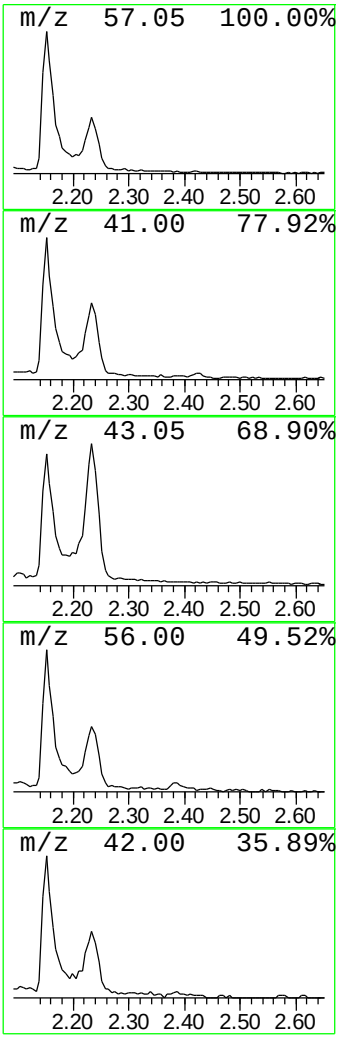
Peak Number 1 n-Hexane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	9.60 ng	324130	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	78
2	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	33
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	25
4	Propane, 2-methyl-2-nitro-	103	C4H9NO2	000594-70-7	17
5	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	17





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Sample : I4025-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP6-MH2098-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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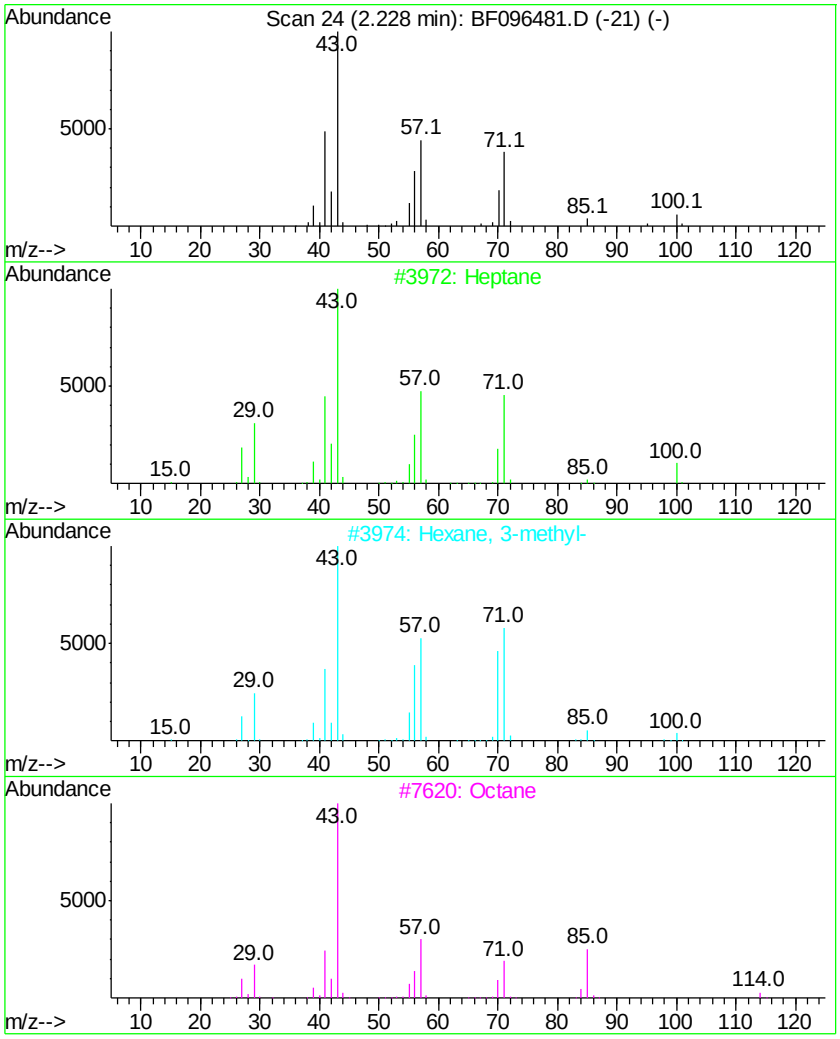
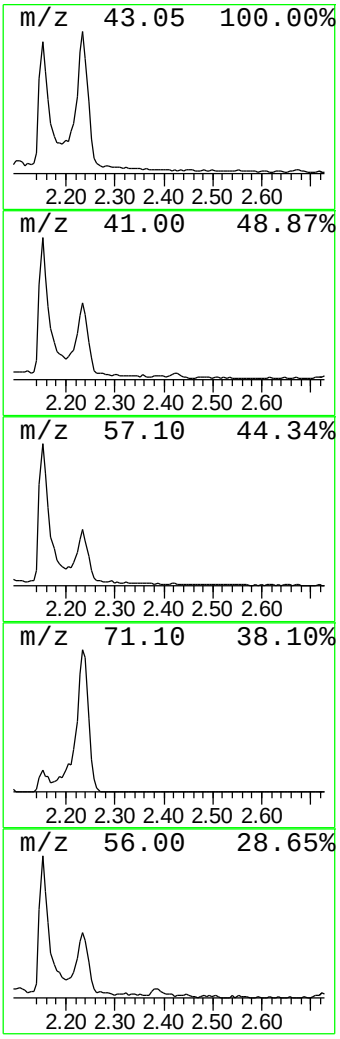
Peak Number 2 Heptane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	8.84 ng	298417	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	87
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	50
3	Octane	114	C8H18	000111-65-9	42
4	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	39
5	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	38





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Acq On : 5 Jul 2017 13:58
Operator : SJ/MA
Sample : I4025-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP6-MH2098-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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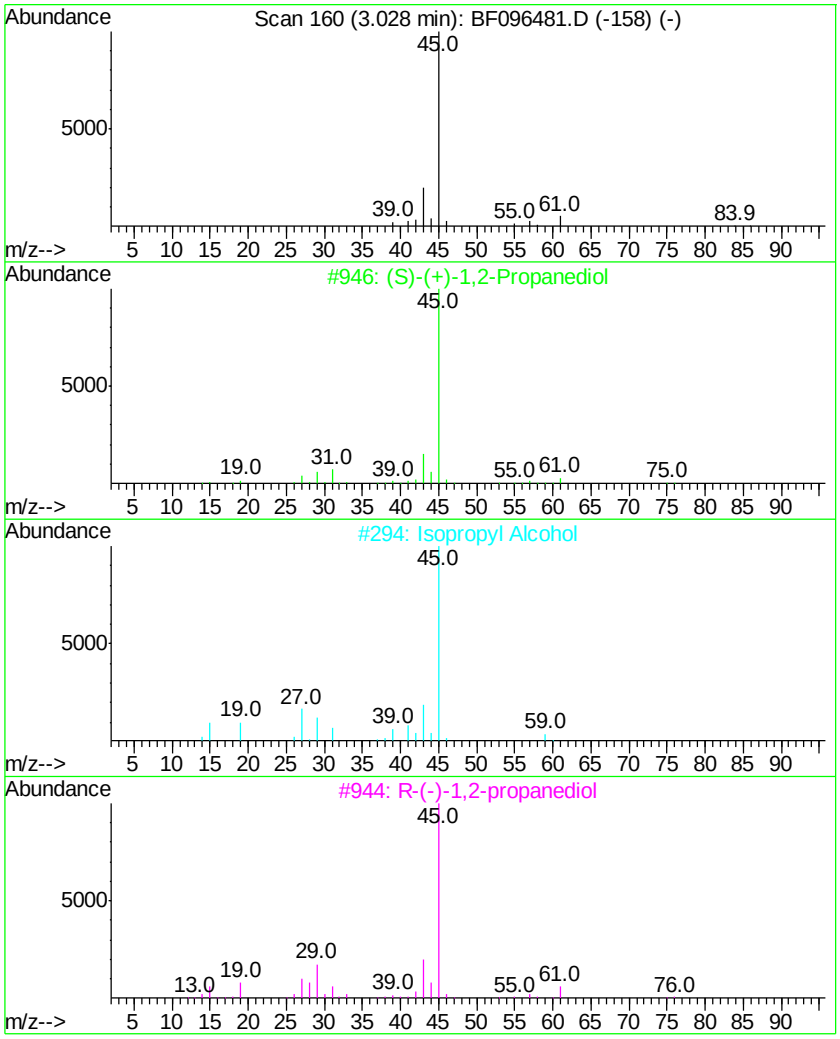
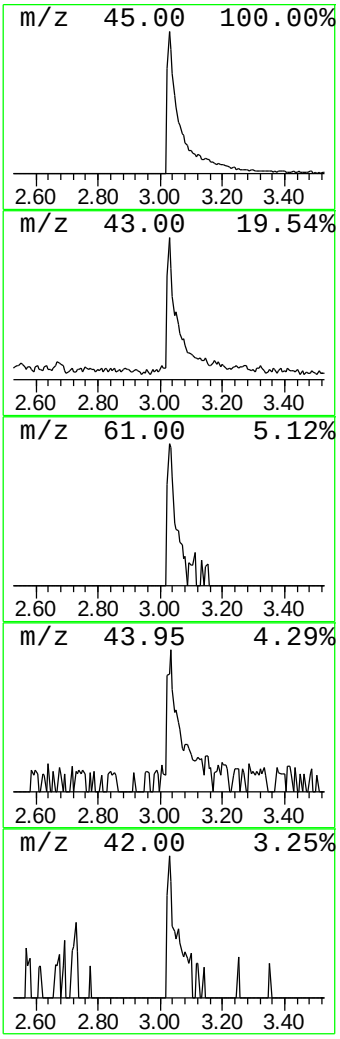
Peak Number 3 unknown3.03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	4.54 ng	153278	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	43
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
3	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
4	Propylene Glycol	76	C3H8O2	000057-55-6	9
5	Formamide	45	CH3NO	000075-12-7	7





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Sample : I4025-01
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP6-MH2098-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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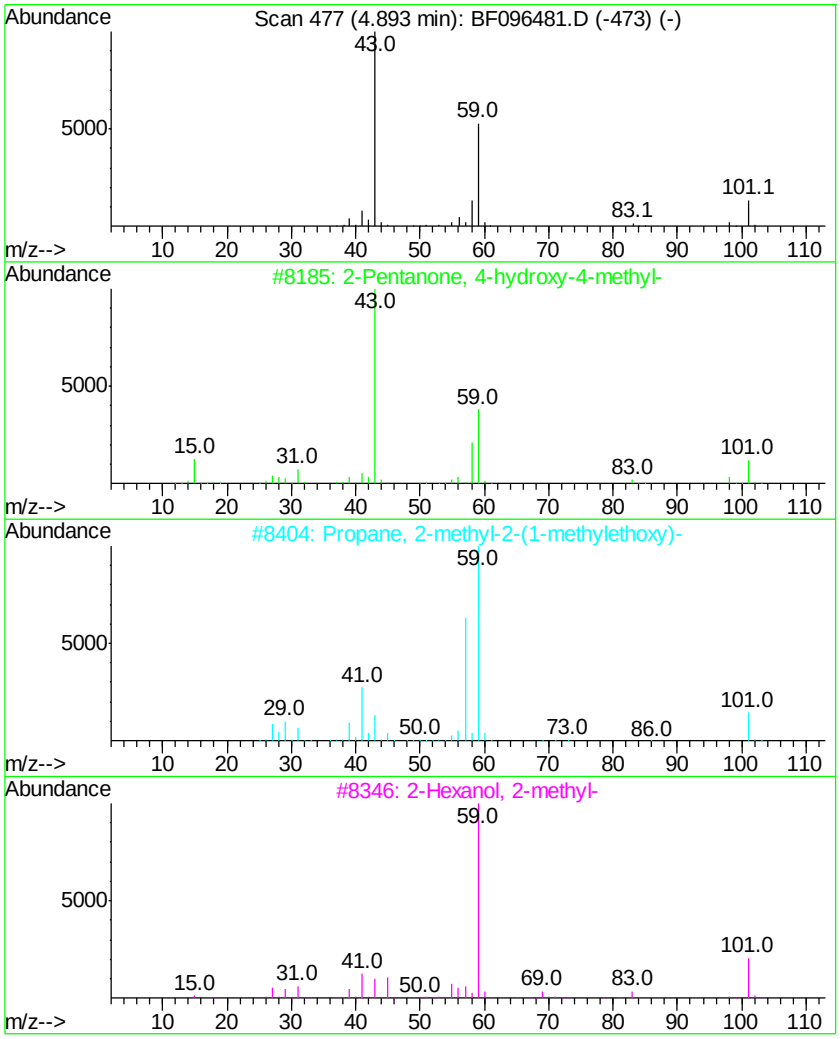
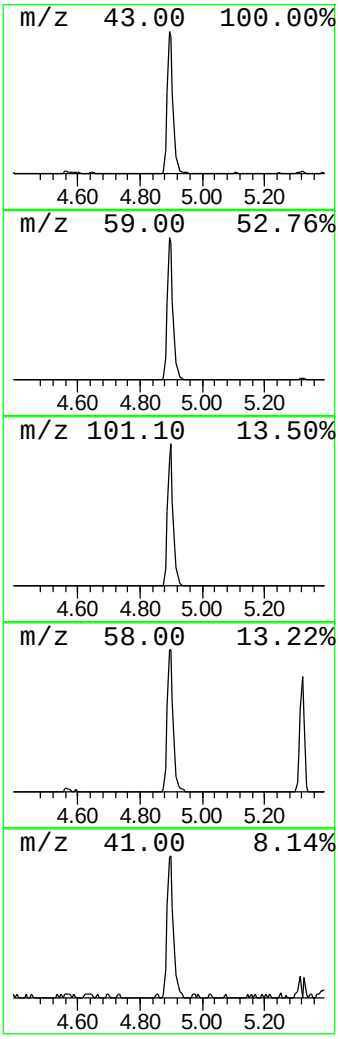
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	13.90 ng	469232	1,4-Dichlorobenzene-d4	6.71

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	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1,2-Butanediol	90	C4H10O2	000584-03-2	9





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Sample : I4025-01
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Instrument : BNA_F
ClientSampleId : TP6-MH2098-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

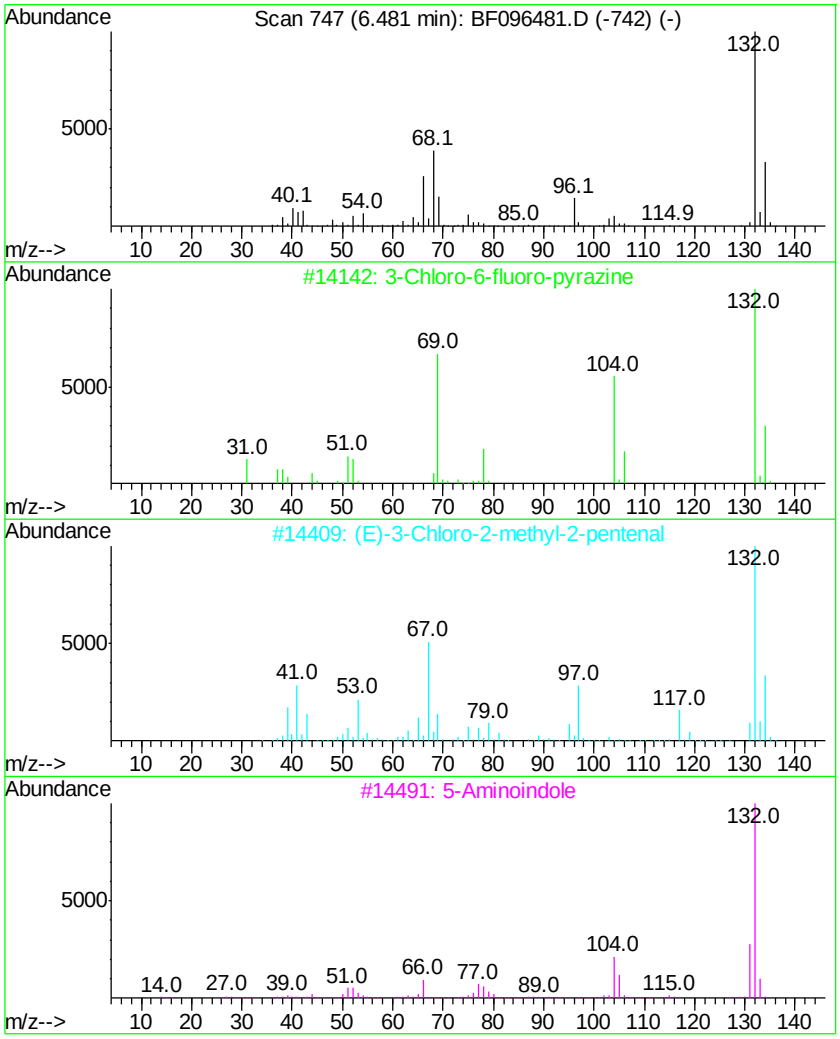
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

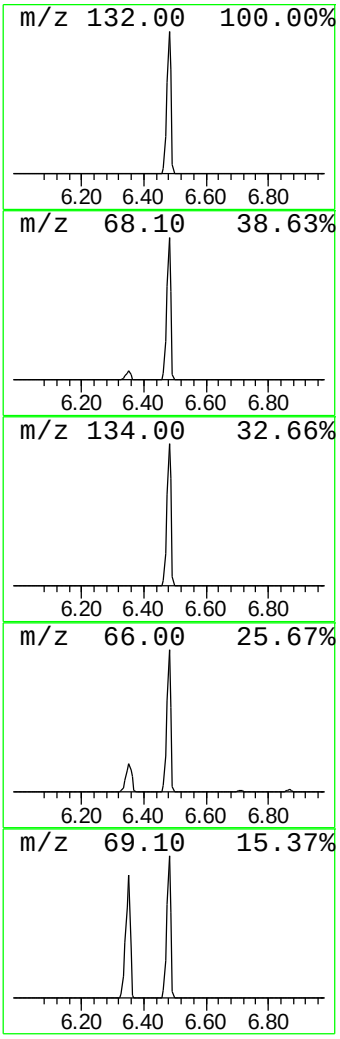
****

Peak Number 5 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	74.45 ng	2512740	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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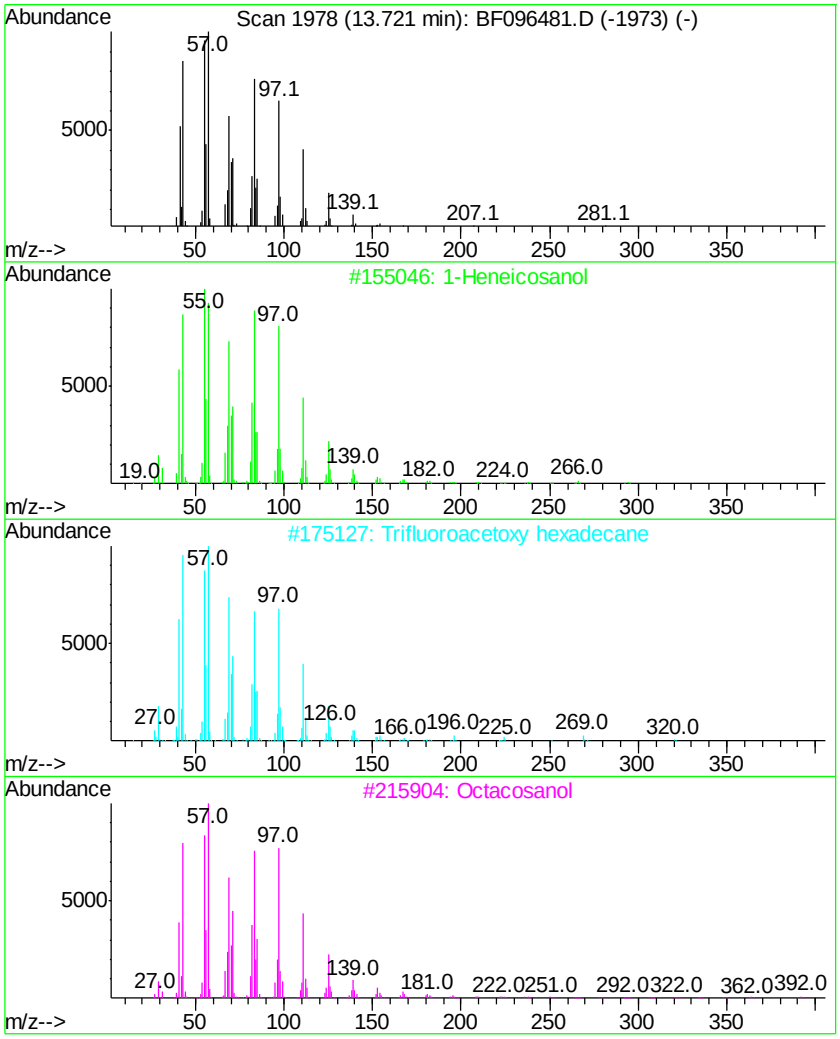
TIC Integration Parameters: LSCINT.P

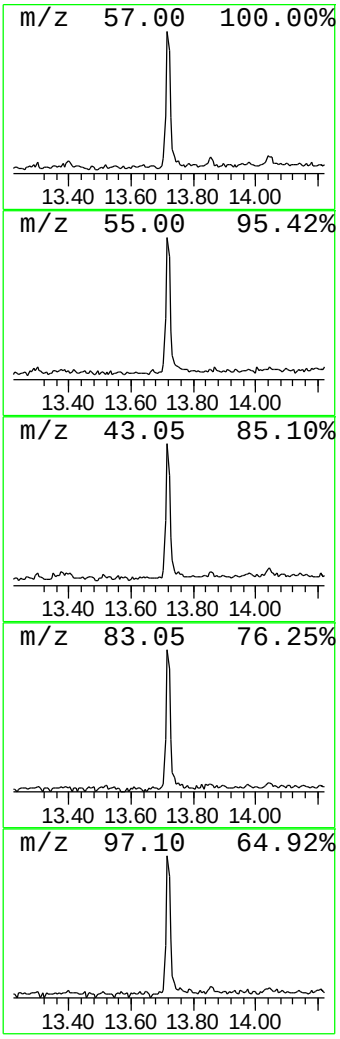
****

Peak Number 7 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	6.83 ng	218485	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	91
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
3	Octacosanol	410	C28H58O	000557-61-9	90
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	90
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	90





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexane	2.15	9.6	ng	324130	1	6.71	675049	20.0
Heptane	2.23	8.8	ng	298417	1	6.71	675049	20.0
unknown3.03	3.03	4.5	ng	153278	1	6.71	675049	20.0
2-Pentanone, 4-hy...	4.89	13.9	ng	469232	1	6.71	675049	20.0
unknown6.48	6.48	74.5	ng	2512740	1	6.71	675049	20.0
1-Heneicosanol	13.72	6.8	ng	218485	5	13.86	639682	20.0