LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097570.D
Acq On : 10 Aug 2017 20:55
Operator : SJ/JU
Sample : I4689-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRAP-ROCK-FINES

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-BF072517.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	4.516	477	481	503	rBV	108002	227934	10.02%	1.121%
2	4.987	558	561	582	rBV	1494101	2235704	98.28%	10.992%
3	6.075	742	746	758	rBV	1741974	2274937	100.00%	11.184%
4	6.169	758	762	773	rVB	2015925	2262770	99.47%	11.125%
5	6.393	796	800	811	rVB	681228	685508	30.13%	3.370%
6	6.545	822	826	840	rBV	1607495	1583344	69.60%	7.784%
7	6.963	894	897	916	rBV	1233465	1442419	63.40%	7.091%
8	7.675	1015	1018	1029	rBV	956895	907805	39.90%	4.463%
9	8.751	1197	1201	1213	rBV	2271911	2139629	94.05%	10.519%
10	9.157	1267	1270	1281	rBV	411419	356751	15.68%	1.754%
11	9.416	1310	1314	1323	rBV2	989141	872331	38.35%	4.289%
12	9.875	1388	1392	1395	rVB	37591	34058	1.50%	0.167%
13	10.210	1445	1449	1465	rBV	1078212	1181006	51.91%	5.806%
14	10.339	1468	1471	1478	rBV	52957	58215	2.56%	0.286%
15	10.786	1544	1547	1550	rBV2	40868	34010	1.49%	0.167%
16	10.892	1561	1565	1574	rBV	803238	763328	33.55%	3.753%
17	11.451	1657	1660	1670	rBV2	154146	191878	8.43%	0.943%
18	12.233	1789	1793	1799	rBV2	26127	37476	1.65%	0.184%
19	12.474	1830	1834	1838	rBV	1550470	1446253	63.57%	7.110%
20	13.386	1985	1989	1998	rBV	124798	153458	6.75%	0.754%
21	13.521	2008	2012	2021	rVB	496759	536215	23.57%	2.636%
22	14.363	2151	2155	2160	rBV	317917	291533	12.81%	1.433%
23	14.857	2235	2239	2250	rBV	433561	566328	24.89%	2.784%
24	15.227	2299	2302	2305	rBV4	19622	22861	1.00%	0.112%
25	15.610	2365	2367	2375	rVB7	18743	34381	1.51%	0.169%

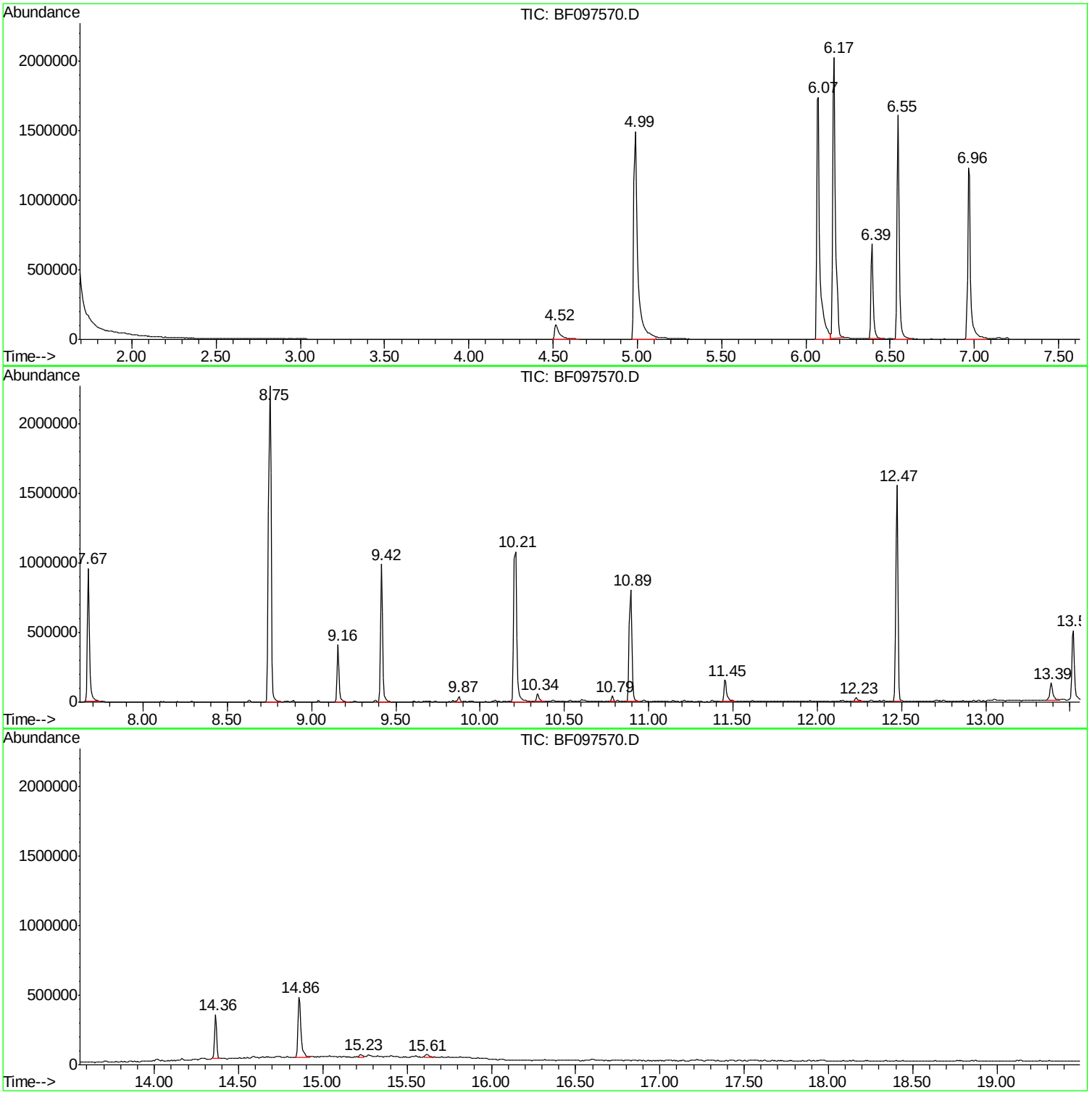
Sum of corrected areas: 20340132

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097570.D
Acq On : 10 Aug 2017 20:55
Operator : SJ/JU
Sample : I4689-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRAP-ROCK-FINES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097570.D
Acq On : 10 Aug 2017 20:55
Operator : SJ/JU
Sample : I4689-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRAP-ROCK-FINES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

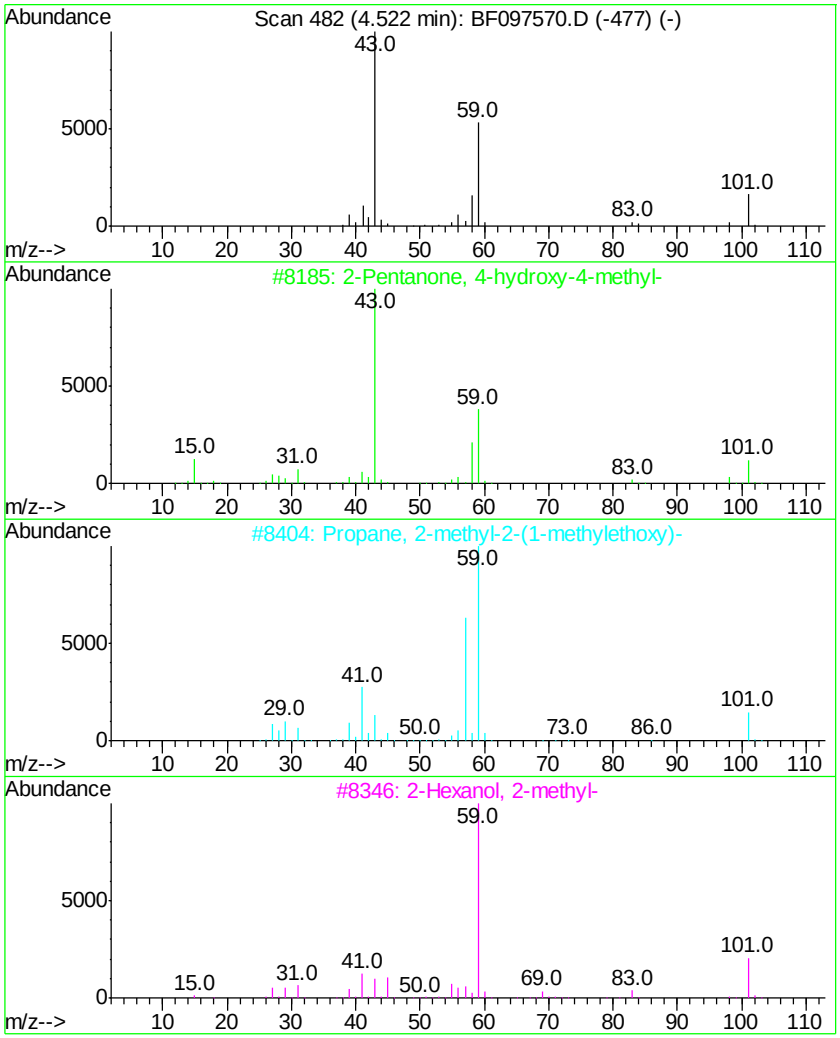
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

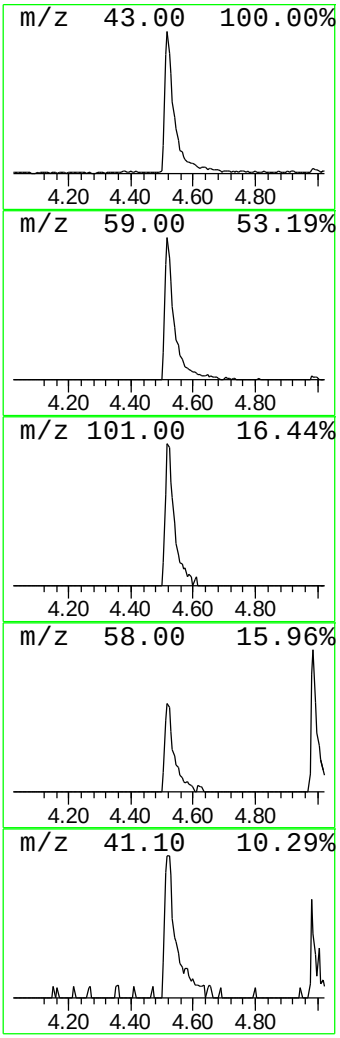
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	6.65 ng	227934	1,4-Dichlorobenzene-d4	6.39

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097570.D
Acq On : 10 Aug 2017 20:55
Operator : SJ/JU
Sample : I4689-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRAP-ROCK-FINES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

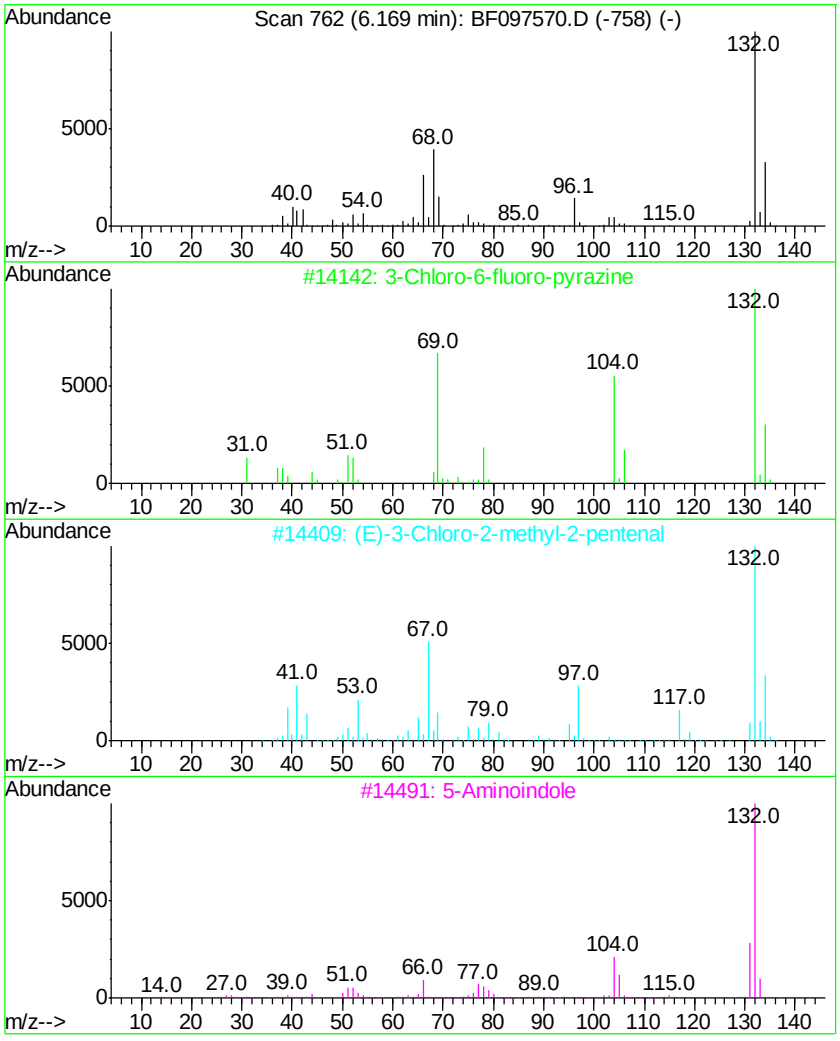
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

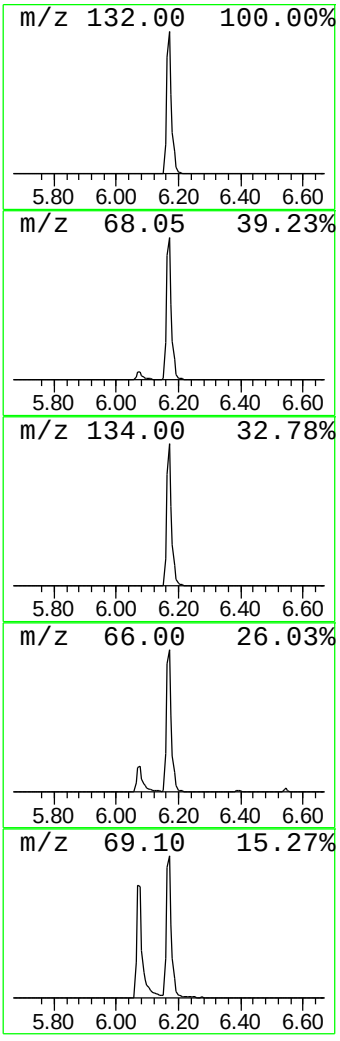
****

Peak Number 2 unknown6.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	66.02 ng	2262770	1,4-Dichlorobenzene-d4	6.39

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	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097570.D
Acq On : 10 Aug 2017 20:55
Operator : SJ/JU
Sample : I4689-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRAP-ROCK-FINES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

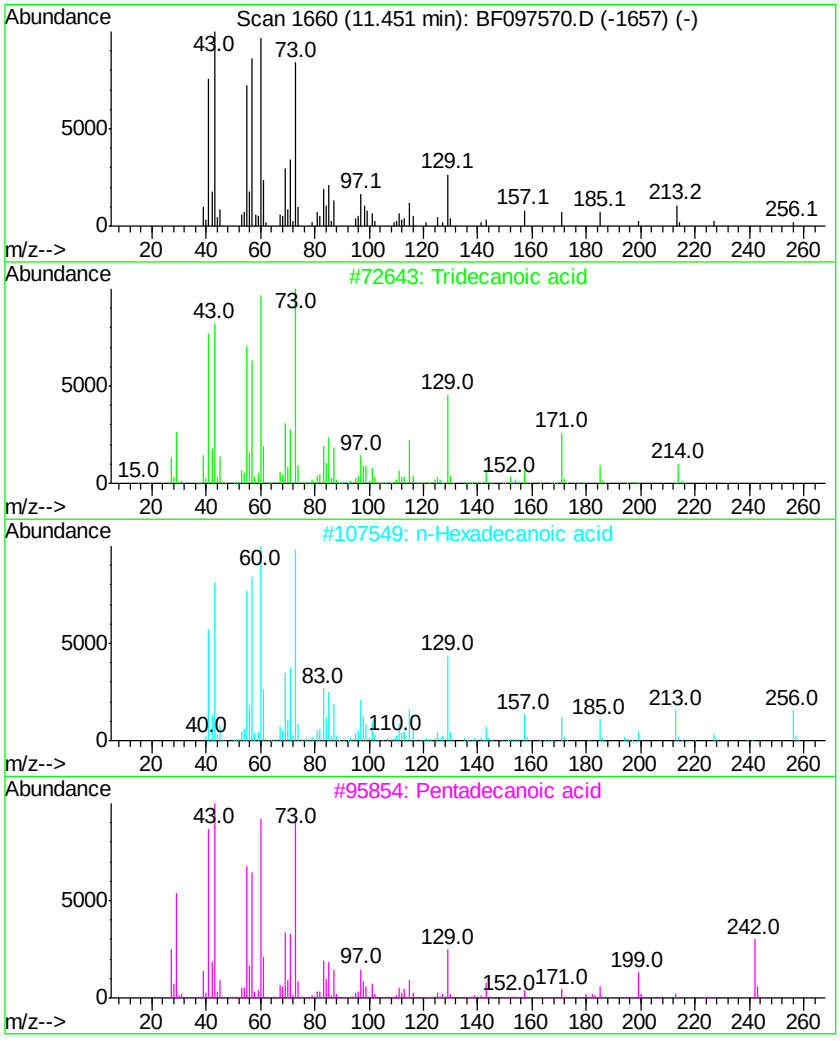
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

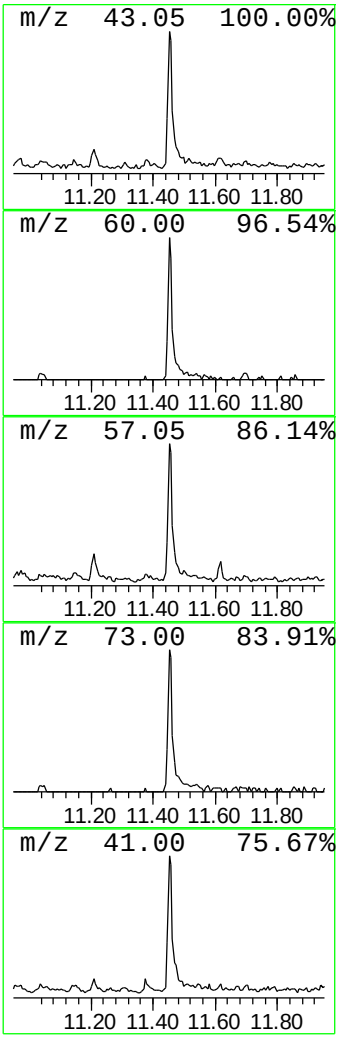
****

Peak Number 4 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	5.03 ng	191878	Phenanthrene-d10	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	80
5	Dodecanoic acid	200	C12H24O2	000143-07-7	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097570.D
Acq On : 10 Aug 2017 20:55
Operator : SJ/JU
Sample : I4689-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRAP-ROCK-FINES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

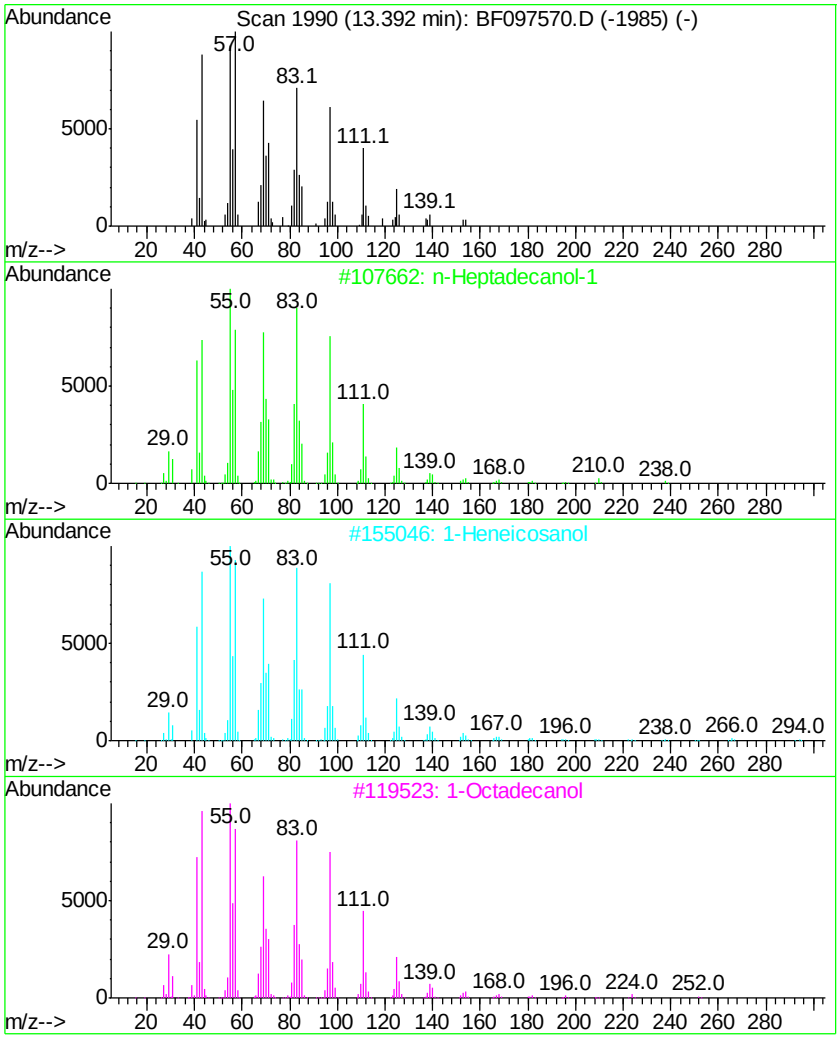
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

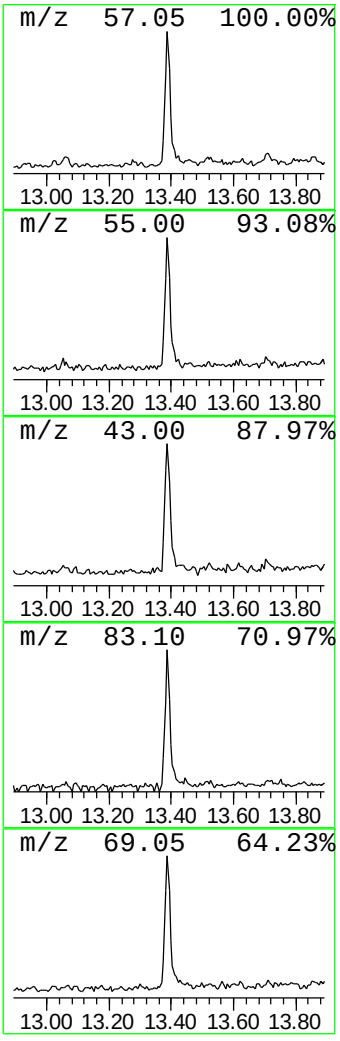
****

Peak Number 5 n-Heptadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	5.72 ng	153458	Chrysene-d12	13.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	1-Octadecanol	270	C18H38O	000112-92-5	91
4	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
5	11-Tricosene	322	C23H46	052078-56-5	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097570.D
Acq On : 10 Aug 2017 20:55
Operator : SJ/JU
Sample : I4689-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRAP-ROCK-FINES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

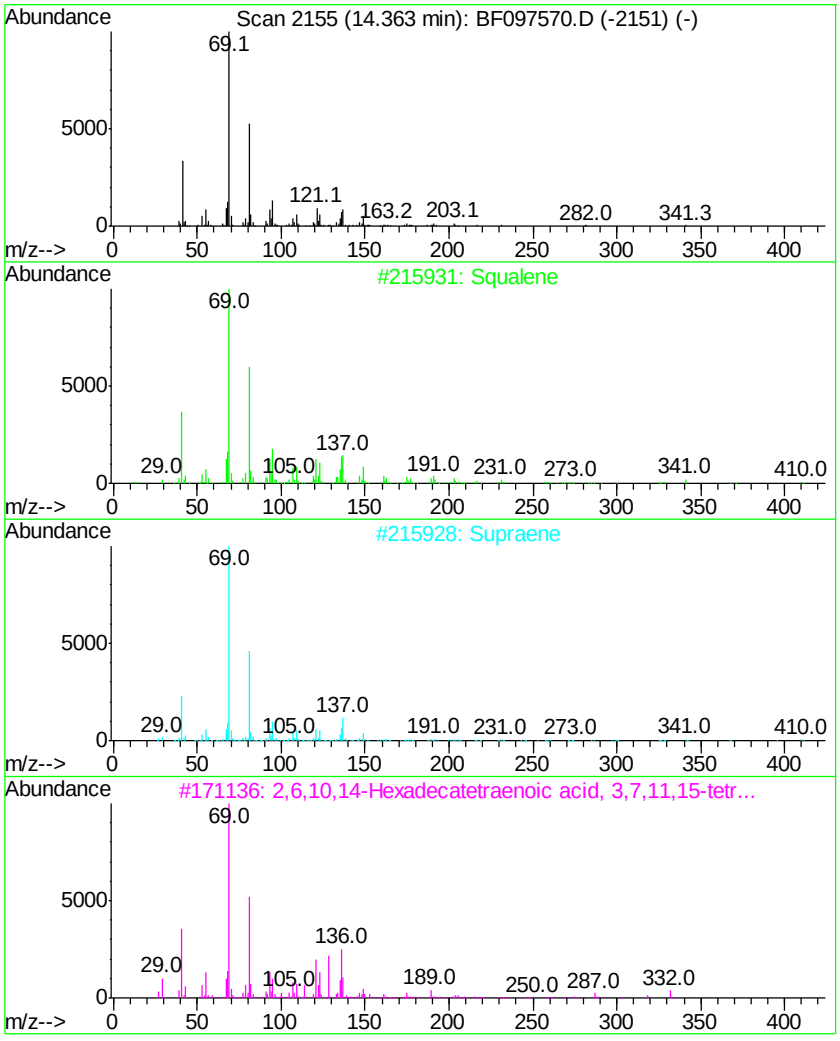
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

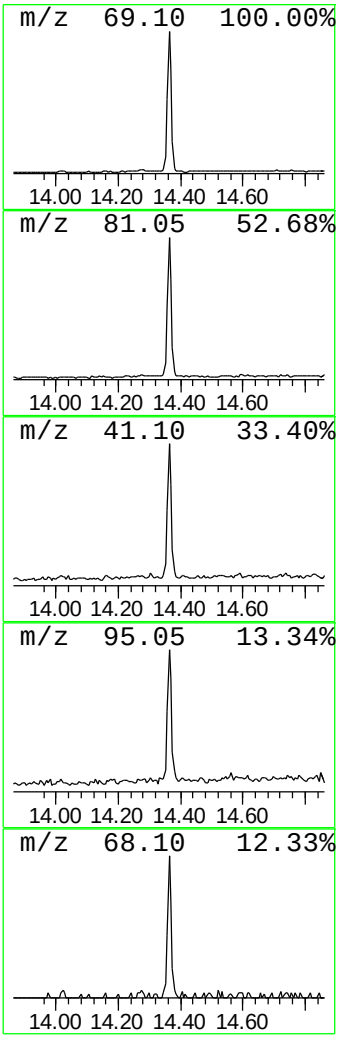
****

Peak Number 6 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	10.30 ng	291533	Perylene-d12	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	78
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5	Trideca-1,7,11-triene-1,1-dicarb...	270	C18H26N2	1000161-46-0	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081017\
Data File : BF097570.D
Acq On : 10 Aug 2017 20:55
Operator : SJ/JU
Sample : I4689-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRAP-ROCK-FINES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
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
2-Pentanone, 4-hy...	4.52	6.7	ng	227934	1	6.39	685508	20.0
unknown6.17	6.17	66.0	ng	2262770	1	6.39	685508	20.0
Tridecanoic acid	11.45	5.0	ng	191878	4	10.89	763328	20.0
n-Heptadecanol-1	13.39	5.7	ng	153458	5	13.52	536215	20.0
Squalene	14.36	10.3	ng	291533	6	14.86	566328	20.0