LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
Data File : BF091730.D
Acq On : 18 Dec 2016 4:27
Operator : UM/SJ
Sample : H6101-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW02-121316

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-BF121716.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	4.259	185	190	193	rBV2	30037	53233	1.00%	0.120%
2	4.922	246	248	260	rVB	658080	794955	15.01%	1.793%
3	5.356	284	286	289	rBV	1326058	1176303	22.21%	2.653%
4	6.396	375	377	381	rVB	774965	779957	14.72%	1.759%
5	6.533	386	389	391	rBV	1782931	1905370	35.97%	4.297%
6	6.762	407	409	412	rBV	1886980	1863731	35.18%	4.203%
7	6.922	420	423	425	rBV	3223549	3031811	57.23%	6.837%
8	7.196	443	447	451	rBV4	22591	57283	1.08%	0.129%
9	7.333	455	459	461	rBV	1990621	2667391	50.35%	6.015%
10	7.436	465	468	472	rBV	95896	138997	2.62%	0.313%
11	8.053	519	522	524	rBV	2648295	2626026	49.57%	5.922%
12	8.282	539	542	548	rVB4	25523	54902	1.04%	0.124%
13	9.002	601	605	613	rBV	42528	92037	1.74%	0.208%
14	9.128	613	616	619	rBV	4392499	4651333	87.80%	10.489%
15	9.253	625	627	629	rVB	65758	55624	1.05%	0.125%
16	9.528	648	651	653	rBV	1358490	1302190	24.58%	2.937%
17	9.631	657	660	663	rVB2	52336	74295	1.40%	0.168%
18	9.745	666	670	672	rBV2	41716	72088	1.36%	0.163%
19	9.802	672	675	678	rBV	2863047	2829208	53.41%	6.380%
20	10.225	709	712	713	rBV2	149423	232207	4.38%	0.524%
21	10.248	713	714	716	rVB2	156498	117831	2.22%	0.266%
22	10.465	731	733	736	rBV	95357	109941	2.08%	0.248%
23	10.545	736	740	741	rBV3	69484	154869	2.92%	0.349%
24	10.591	741	744	746	rVV	1580360	1669315	31.51%	3.764%
25	10.716	753	755	760	rBV	330388	373168	7.04%	0.842%
26	10.808	762	763	767	rVB	63831	60732	1.15%	0.137%
27	10.911	770	772	774	rBV	45618	53074	1.00%	0.120%
28	11.105	785	789	790	rVB3	48758	94492	1.78%	0.213%
29	11.139	790	792	793	rBV	64532	95576	1.80%	0.216%
30	11.162	793	794	796	rVV	242554	246593	4.66%	0.556%
31	11.196	796	797	800	rVB	80468	70724	1.34%	0.159%
32	11.288	802	805	807	rVV	3056792	3115725	58.82%	7.026%
33	11.345	807	810	814	rVB4	45106	125648	2.37%	0.283%
34	11.516	823	825	829	rVB	311241	437371	8.26%	0.986%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
Data File : BF091730.D
Acq On : 18 Dec 2016 4:27
Operator : UM/SJ
Sample : H6101-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW02-121316

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-BF121716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.596	829	832	833	rBV	61232	83524	1.58%	0.188%
36	11.825	850	852	856	rBV2	352306	413146	7.80%	0.932%
37	11.997	863	867	872	rVB2	64733	117417	2.22%	0.265%
38	12.339	895	897	900	rBV2	189473	247716	4.68%	0.559%
39	12.442	904	906	908	rVB2	38367	55084	1.04%	0.124%
40	12.614	918	921	924	rBV2	66933	110502	2.09%	0.249%
41	12.762	932	934	941	rBV	120190	158755	3.00%	0.358%
42	12.877	941	944	946	rBV	4765436	5297354	100.00%	11.946%
43	13.117	961	965	966	rBV	154461	189912	3.59%	0.428%
44	13.345	981	985	989	rVB7	18956	63070	1.19%	0.142%
45	13.460	991	995	999	rVB2	52309	115600	2.18%	0.261%
46	13.780	1020	1023	1032	rBV2	357700	581736	10.98%	1.312%
47	13.917	1032	1035	1038	rBV	2787875	2814026	53.12%	6.346%
48	14.408	1073	1078	1082	rBV2	32716	84990	1.60%	0.192%
49	15.014	1129	1131	1136	rVB	46129	66437	1.25%	0.150%
50	15.323	1155	1158	1161	rBV	1992658	2469527	46.62%	5.569%
51	15.768	1194	1197	1199	rBV	49940	66353	1.25%	0.150%
52	16.134	1226	1229	1234	rVB4	34974	71147	1.34%	0.160%
53	16.226	1234	1237	1242	rVB2	26622	56109	1.06%	0.127%
54	17.197	1318	1322	1329	rBV5	34951	97964	1.85%	0.221%

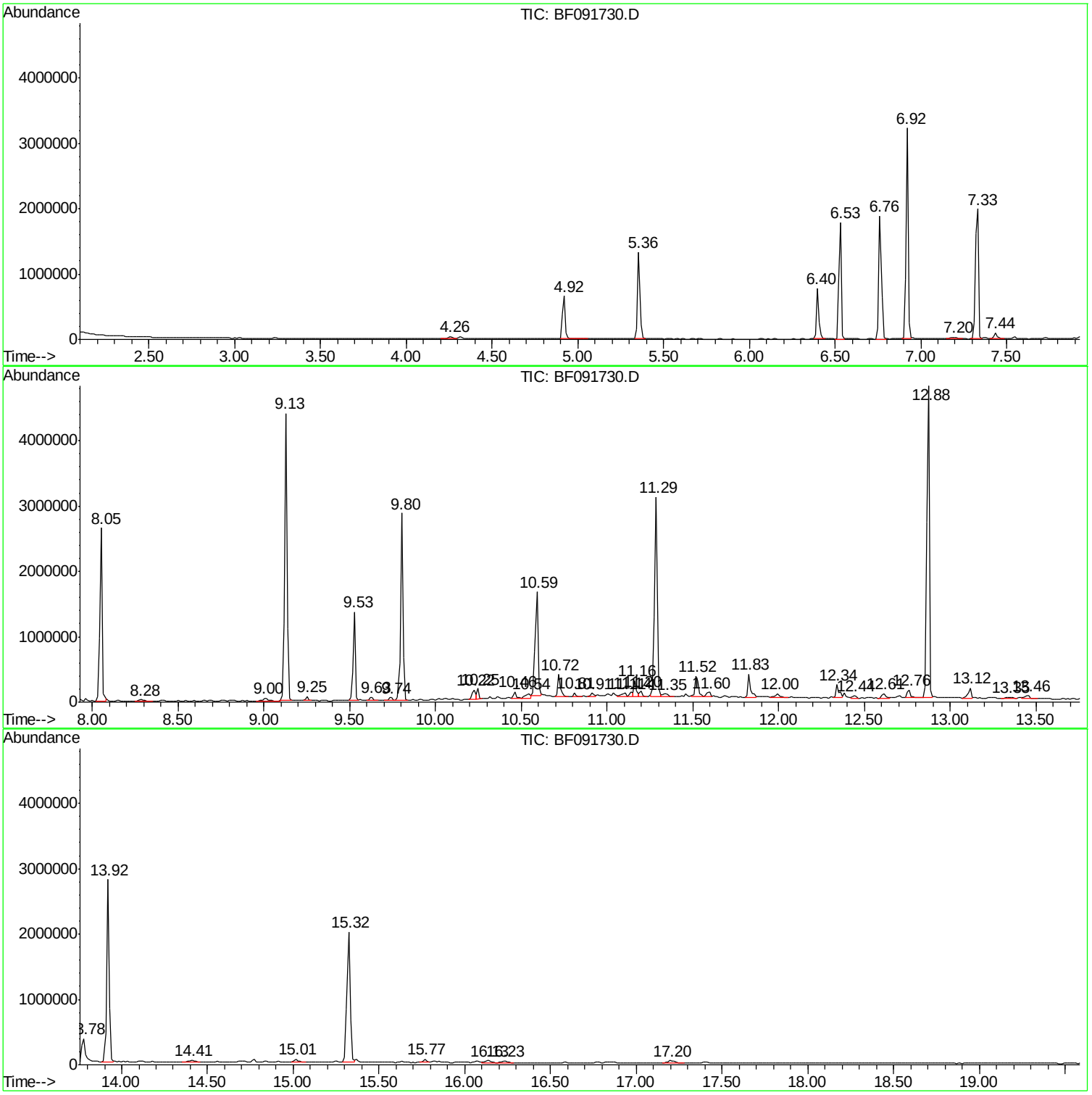
Sum of corrected areas: 44344369

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
Data File : BF091730.D
Acq On : 18 Dec 2016 4:27
Operator : UM/SJ
Sample : H6101-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW02-121316

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
Data File : BF091730.D
Acq On : 18 Dec 2016 4:27
Operator : UM/SJ
Sample : H6101-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW02-121316

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

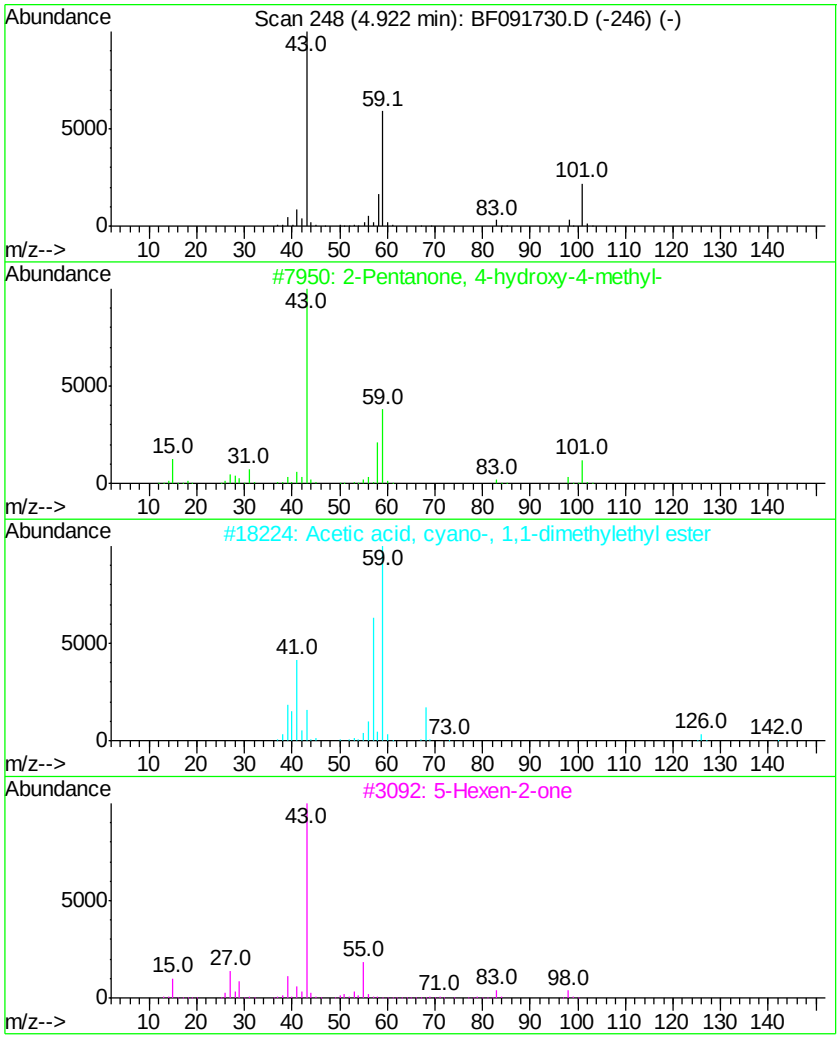
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

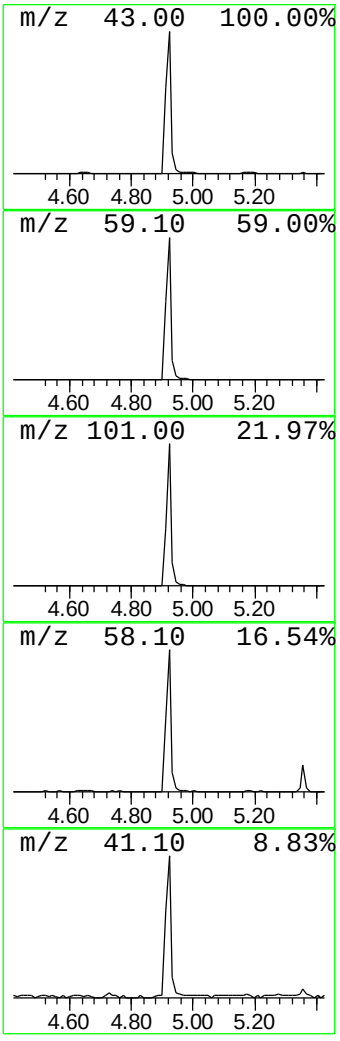
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	8.53 ng	794955	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
Data File : BF091730.D
Acq On : 18 Dec 2016 4:27
Operator : UM/SJ
Sample : H6101-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW02-121316

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

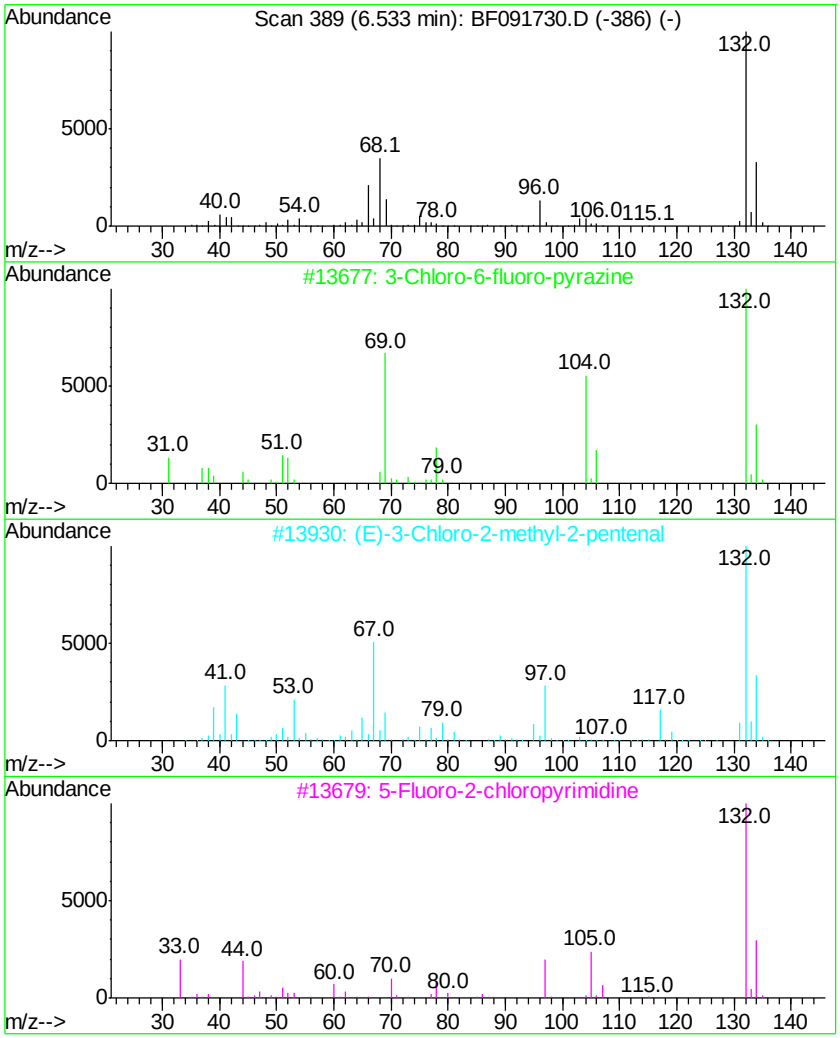
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

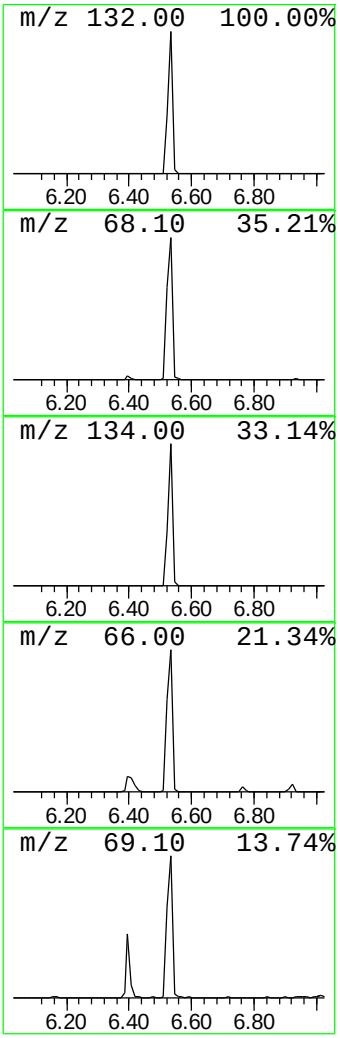
****

Peak Number 2 unknown6.53 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	20.45 ng	1905370	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
Data File : BF091730.D
Acq On : 18 Dec 2016 4:27
Operator : UM/SJ
Sample : H6101-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW02-121316

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

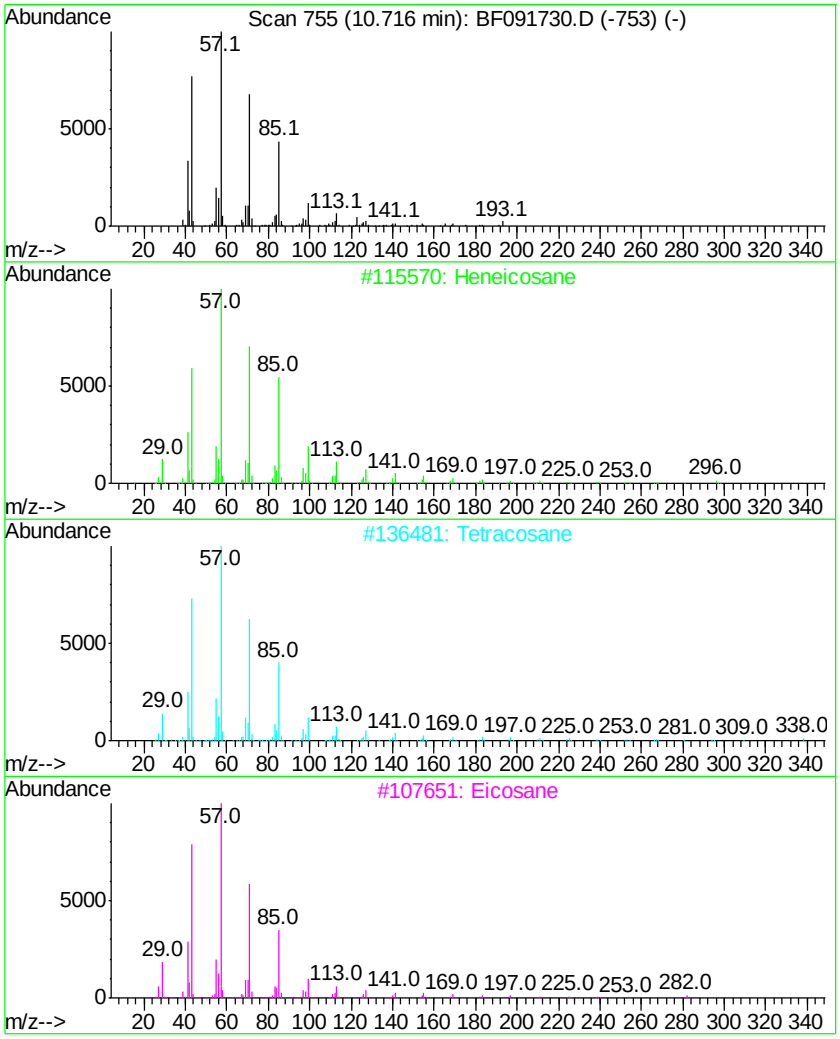
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

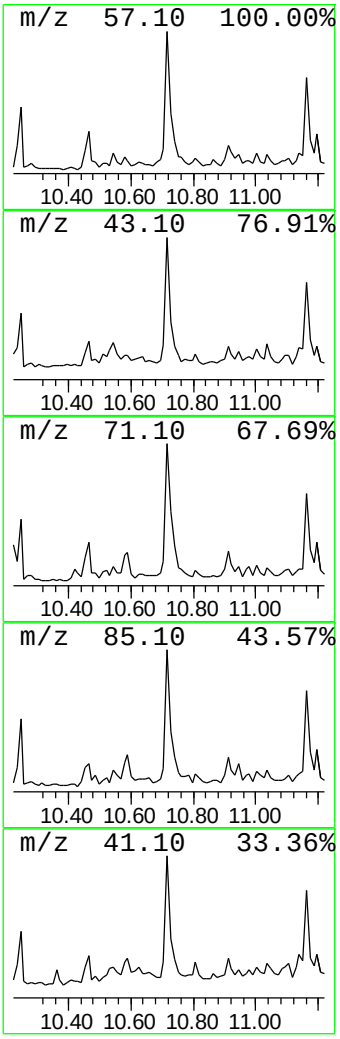
****

Peak Number 4 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	2.40 ng	373168	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Tetracosane	338	C24H50	000646-31-1	86
3	Eicosane	282	C20H42	000112-95-8	80
4	Pentadecane	212	C15H32	000629-62-9	78
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
Data File : BF091730.D
Acq On : 18 Dec 2016 4:27
Operator : UM/SJ
Sample : H6101-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW02-121316

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

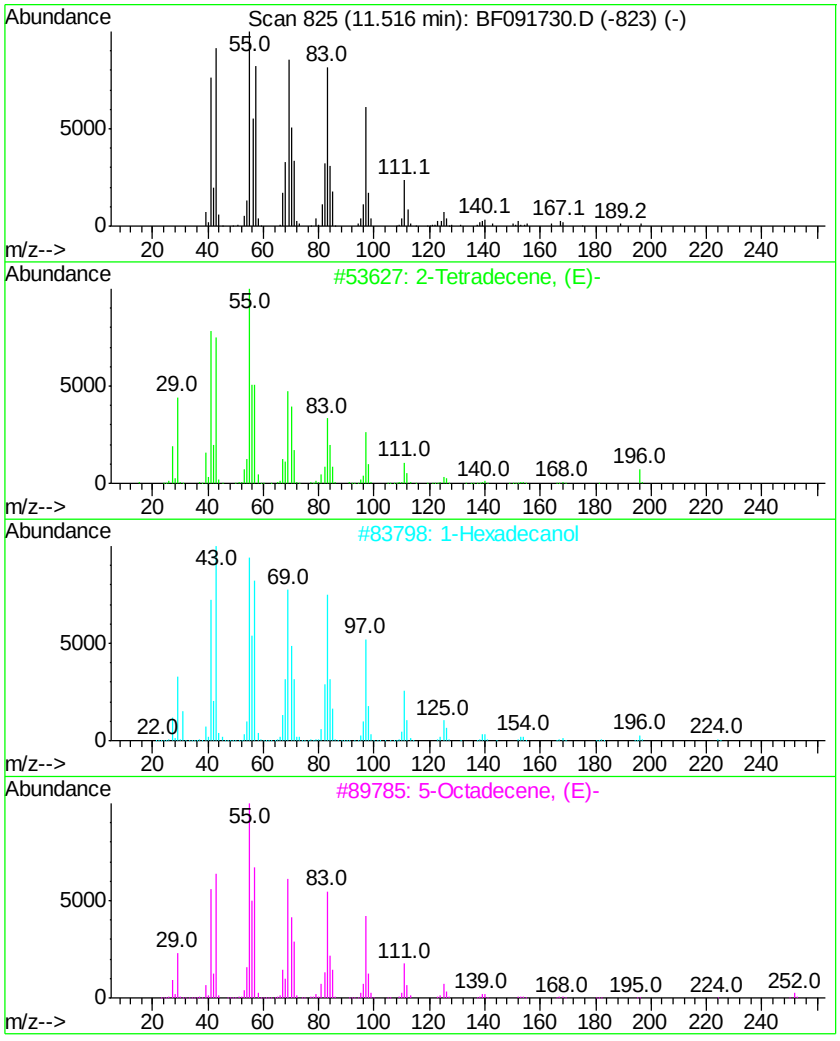
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

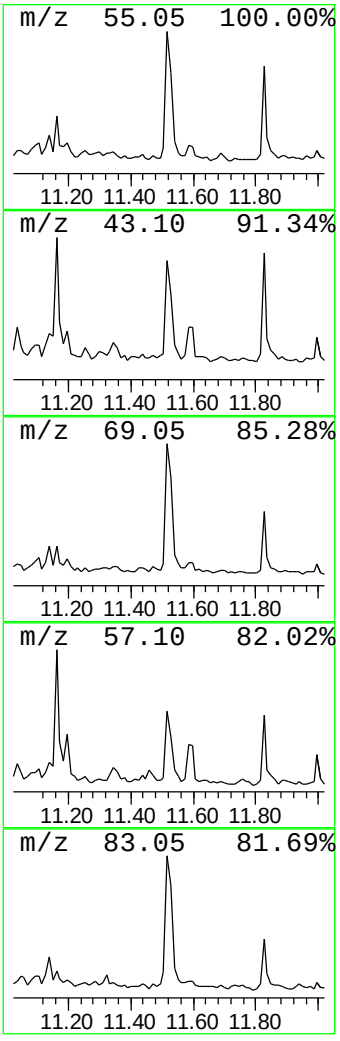
****

Peak Number 5 2-Tetradecene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	2.81 ng	437371	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetradecene, (E)-	196	C14H28	035953-53-8	92
2	1-Hexadecanol	242	C16H34O	036653-82-4	91
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
4	Cyclotetradecane	196	C14H28	000295-17-0	91
5	1-Pentadecanol	228	C15H32O	000629-76-5	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
Data File : BF091730.D
Acq On : 18 Dec 2016 4:27
Operator : UM/SJ
Sample : H6101-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW02-121316

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

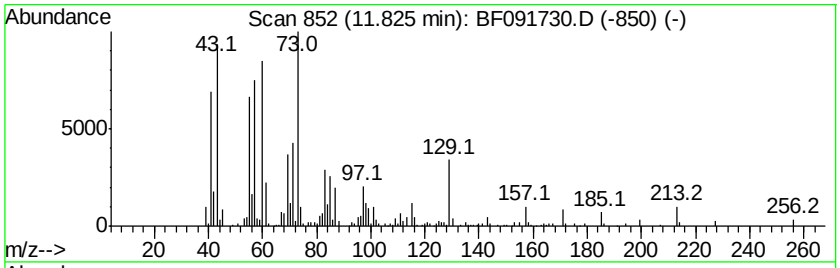
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

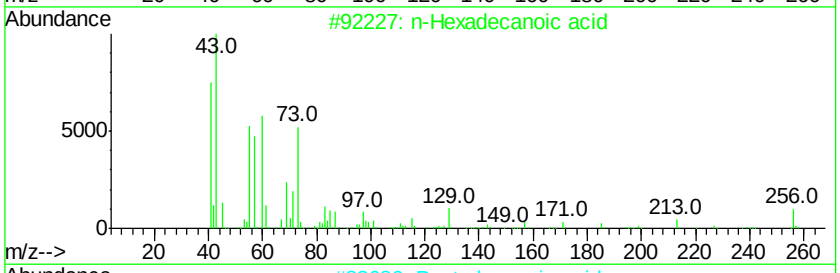
****

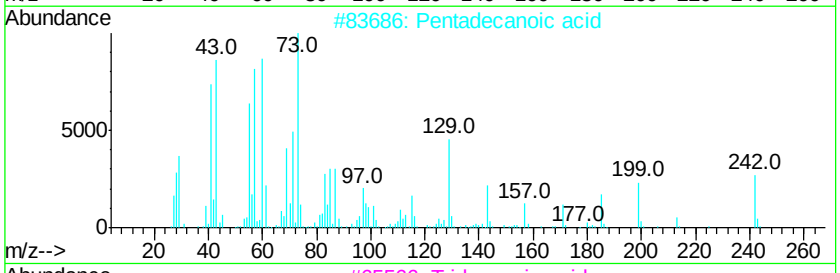
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

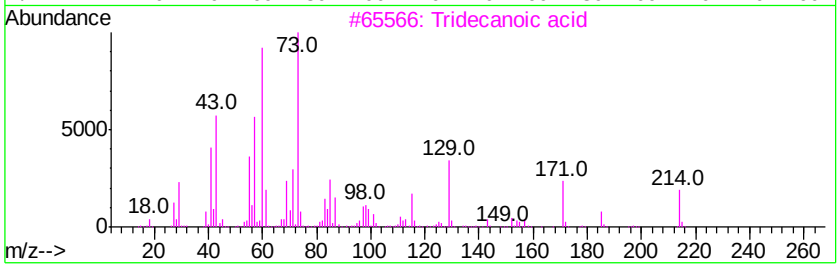
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.65 ng	413146	Phenanthrene-d10	11.29

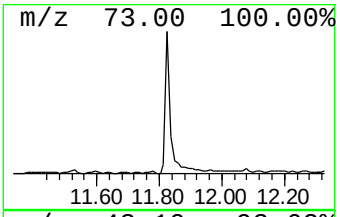
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	59
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50

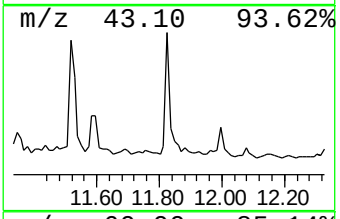


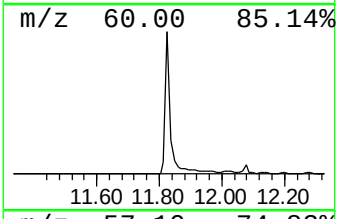


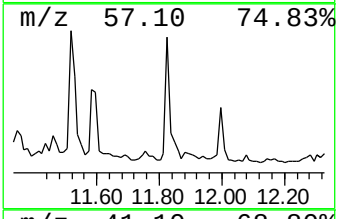


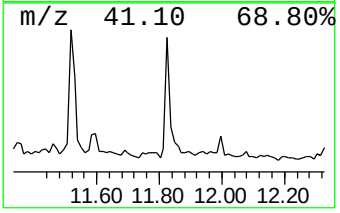












Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
Data File : BF091730.D
Acq On : 18 Dec 2016 4:27
Operator : UM/SJ
Sample : H6101-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW02-121316

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

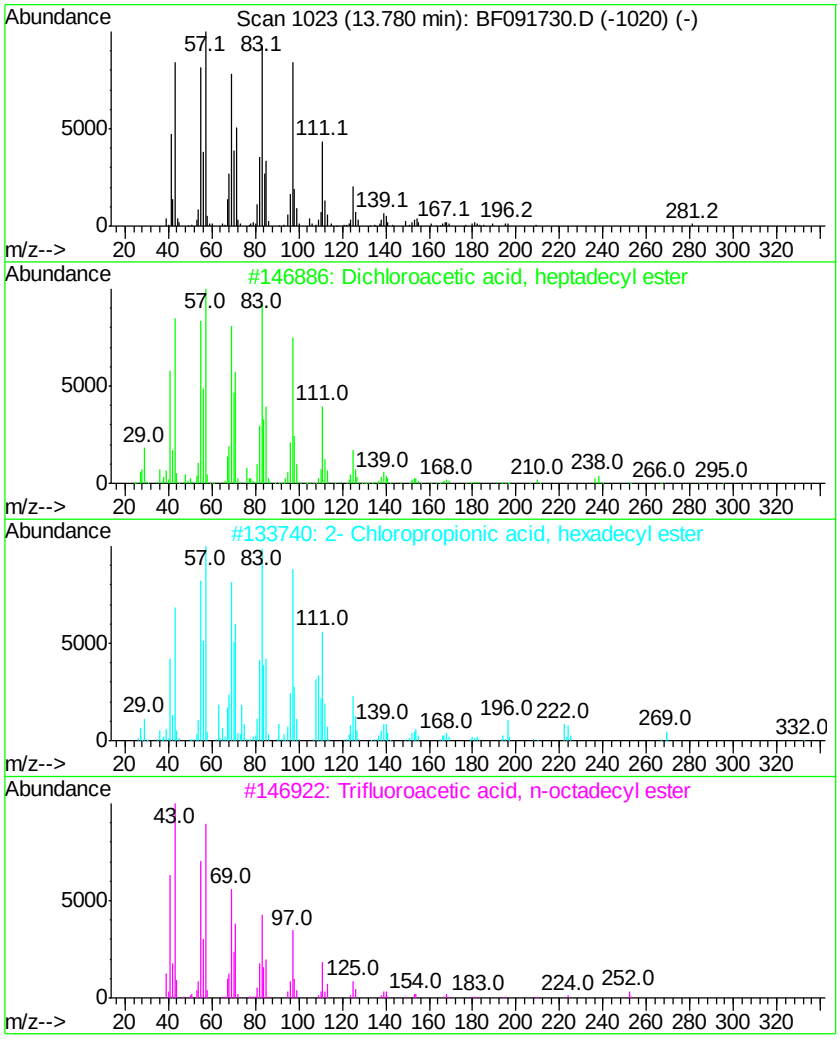
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

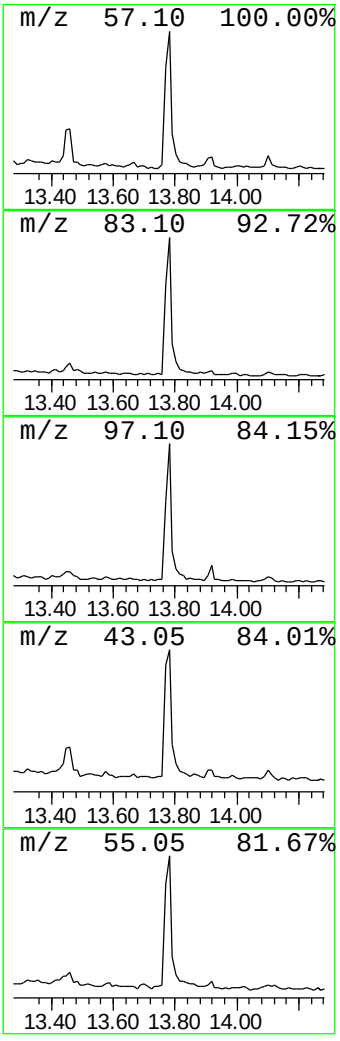
****

Peak Number 7 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	4.13 ng	581736	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	94
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5	1-Nonadecene	266	C19H38	018435-45-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121716\
Data File : BF091730.D
Acq On : 18 Dec 2016 4:27
Operator : UM/SJ
Sample : H6101-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW02-121316

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.92	8.5	ng	794955	1	6.76	1863730	20.0
unknown6.53	6.53	20.4	ng	1905370	1	6.76	1863730	20.0
Heneicosane	10.72	2.4	ng	373168	4	11.29	3115730	20.0
2-Tetradecene, (E)-	11.52	2.8	ng	437371	4	11.29	3115730	20.0
n-Hexadecanoic acid	11.83	2.6	ng	413146	4	11.29	3115730	20.0
Dichloroacetic ac...	13.78	4.1	ng	581736	5	13.92	2814030	20.0