LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101150.D
Acq On : 6 Dec 2017 3:47
Operator : SJ/JU
Sample : I6702-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-2-E(7-8)

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-BF113017.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	5.081	506	509	521	rBV	49684	67300	5.94%	0.665%
2	5.469	571	575	594	rBB	1057169	1064851	93.99%	10.530%
3	6.481	742	747	760	rBV	1077221	1104910	97.53%	10.926%
4	6.616	766	770	773	rBV	1203927	1132946	100.00%	11.203%
5	6.845	806	809	813	rBV	394757	305351	26.95%	3.019%
6	7.004	831	836	839	rBV	999356	848424	74.89%	8.390%
7	7.410	900	905	908	rBV	681885	669600	59.10%	6.621%
8	8.128	1023	1027	1036	rVB	496260	392467	34.64%	3.881%
9	9.204	1205	1210	1213	rBV	1277806	1103264	97.38%	10.909%
10	9.592	1273	1276	1284	rVB	68830	67689	5.97%	0.669%
11	9.804	1306	1312	1315	rBV	26293	20522	1.81%	0.203%
12	9.886	1322	1326	1336	rVB	428241	415470	36.67%	4.108%
13	10.304	1394	1397	1400	rVB	36636	26760	2.36%	0.265%
14	10.674	1456	1460	1469	rBV	774957	692195	61.10%	6.845%
15	10.774	1474	1477	1482	rBV2	33880	41535	3.67%	0.411%
16	11.221	1550	1553	1556	rBV	17191	14289	1.26%	0.141%
17	11.374	1575	1579	1582	rBV	444458	396593	35.01%	3.922%
18	11.886	1661	1666	1668	rBV2	13177	15752	1.39%	0.156%
19	12.586	1782	1785	1789	rVB	45019	35188	3.11%	0.348%
20	12.815	1821	1824	1827	rVB	50533	39516	3.49%	0.391%
21	12.957	1844	1848	1851	rBV	953704	789241	69.66%	7.804%
22	13.839	1995	1998	2006	rVB2	67542	73686	6.50%	0.729%
23	14.015	2023	2028	2031	rBV	332769	299439	26.43%	2.961%
24	14.039	2031	2032	2035	rVB	25220	18464	1.63%	0.183%
25	15.062	2202	2206	2209	rBV	24475	37452	3.31%	0.370%
26	15.362	2254	2257	2263	rVB	17296	20346	1.80%	0.201%
27	15.427	2263	2268	2273	rVB	24807	33071	2.92%	0.327%
28	15.492	2273	2279	2290	rBV	243807	320487	28.29%	3.169%
29	15.915	2346	2351	2355	rBV3	12169	16516	1.46%	0.163%
30	15.980	2357	2362	2365	rBV6	8280	14378	1.27%	0.142%
31	16.415	2432	2436	2442	rBV4	7135	13236	1.17%	0.131%
32	16.968	2524	2530	2535	rBV5	8653	21954	1.94%	0.217%

LSC Area Percent Report

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Data File : BF101150.D
Acq On : 6 Dec 2017 3:47
Operator : SJ/JU
Sample : I6702-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-2-E(7-8)

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-BF113017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

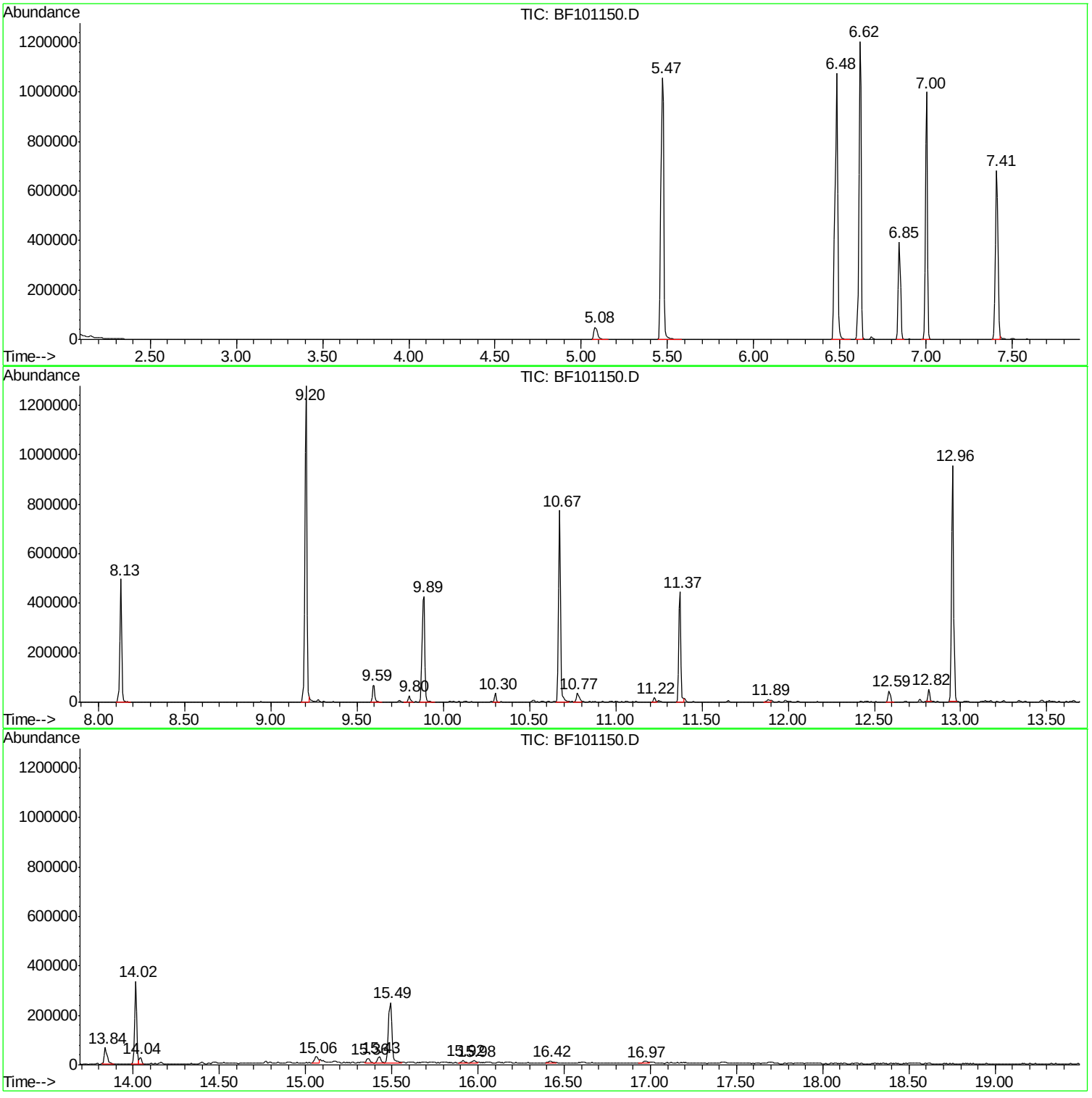
Sum of corrected areas: 10112892

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101150.D
Acq On : 6 Dec 2017 3:47
Operator : SJ/JU
Sample : I6702-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-2-E(7-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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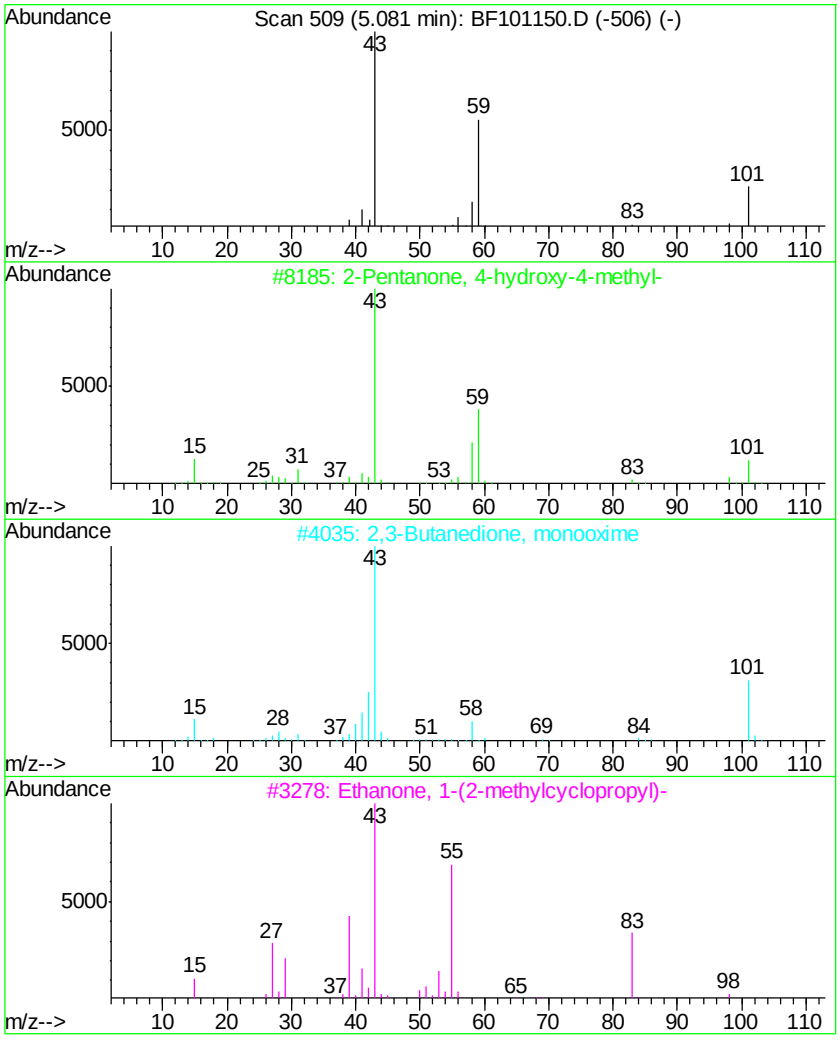
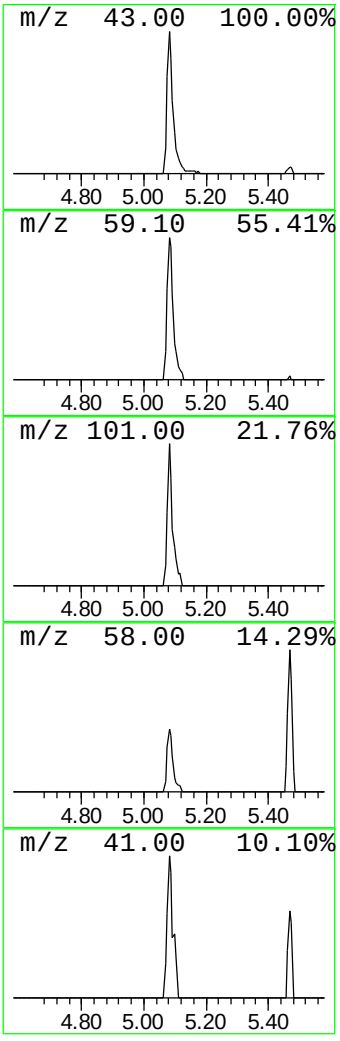
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	4.41 ng	67300	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101150.D
Acq On : 6 Dec 2017 3:47
Operator : SJ/JU
Sample : I6702-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-2-E(7-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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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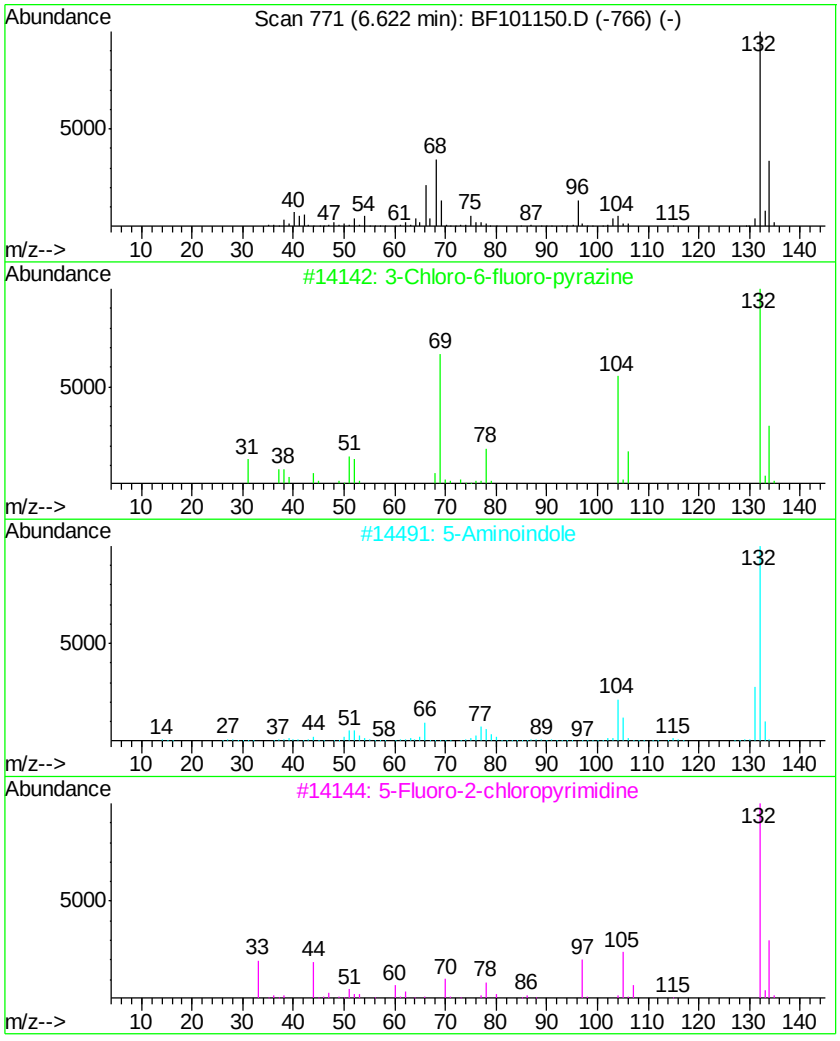
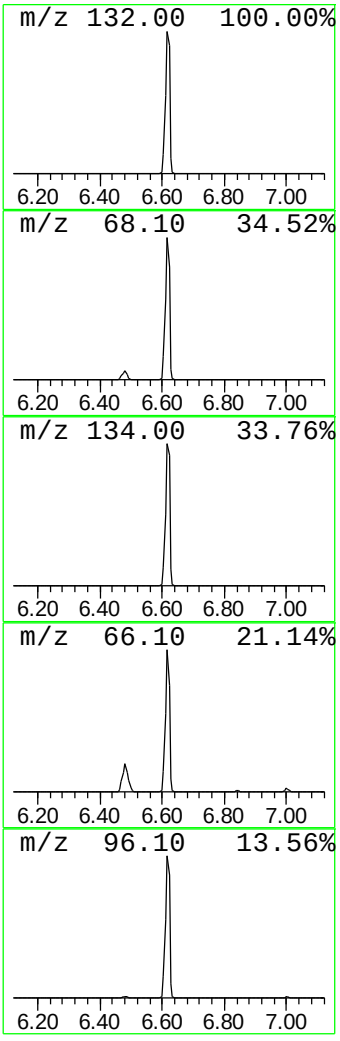
Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	74.21 ng	1132950	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Sample : I6702-09
Misc :
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Instrument : BNA_F
ClientSampleId : MH-2-E(7-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
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TIC Library : C:\DATABASE\NIST11.L
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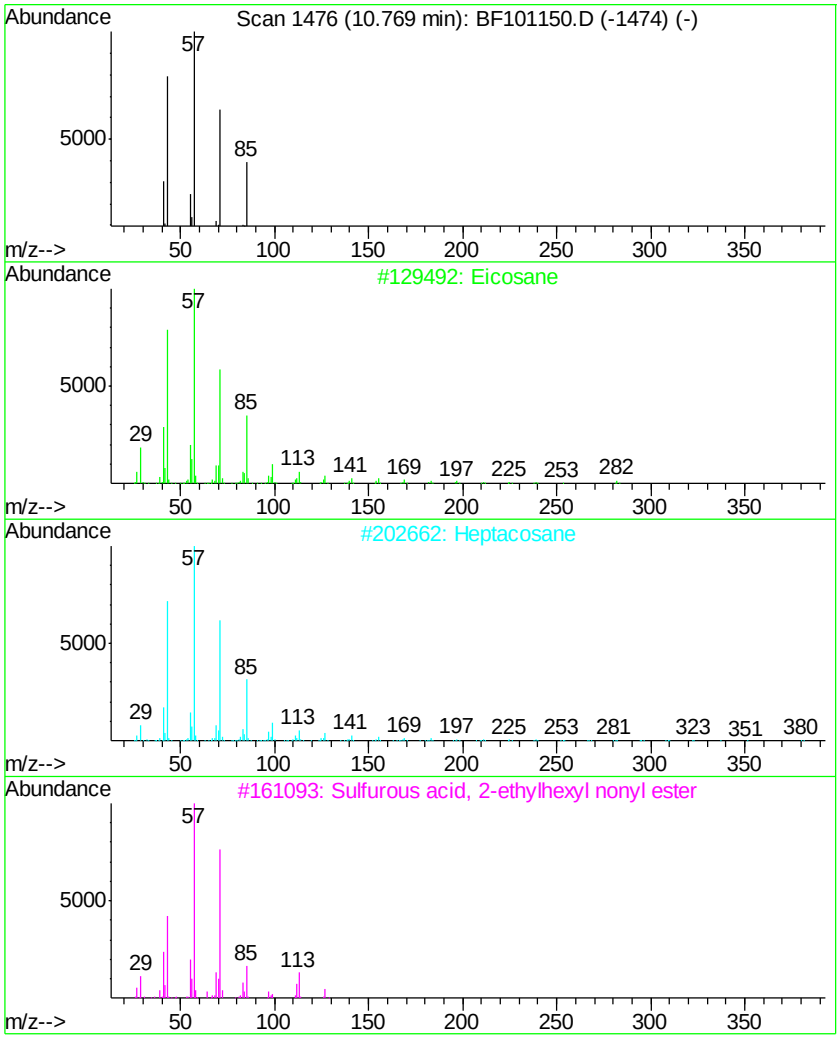
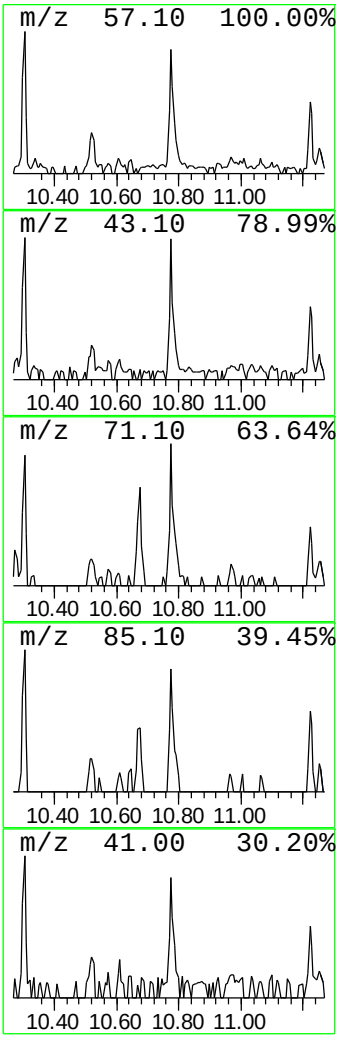
****

Peak Number 4 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	2.09 ng	41535	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Heptacosane	380	C27H56	000593-49-7	83
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	59





Library Search Compound Report

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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
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TIC Library : C:\DATABASE\NIST11.L
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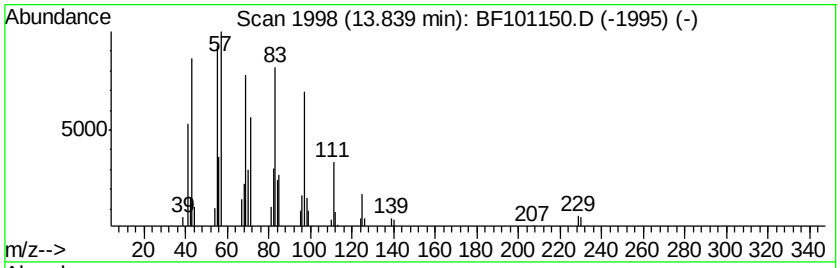
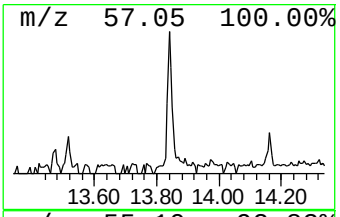
****

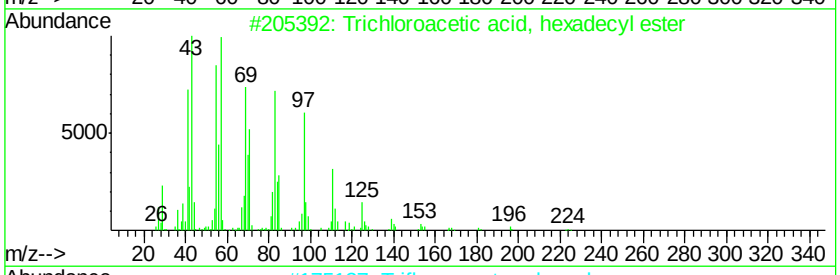
Peak Number 5 Trichloroacetic acid, hexad... Concentration Rank 3

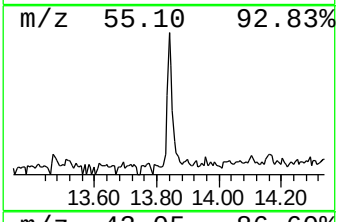
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	4.92 ng	73686	Chrysene-d12	14.02

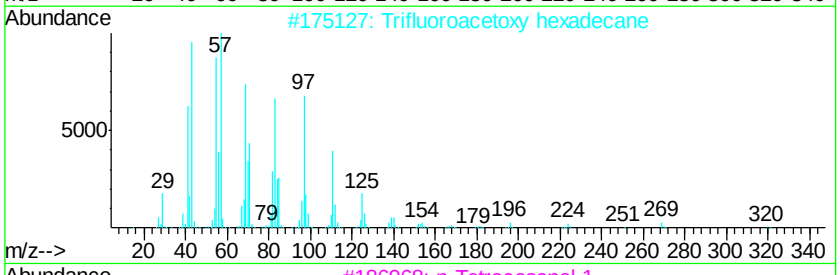
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
4	Behenic alcohol	326	C22H46O	000661-19-8	90
5	1-Heptacosanol	396	C27H56O	002004-39-9	87

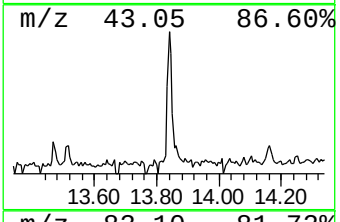


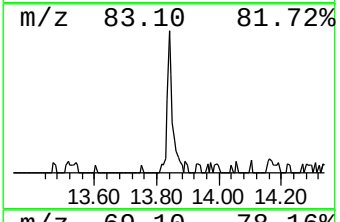


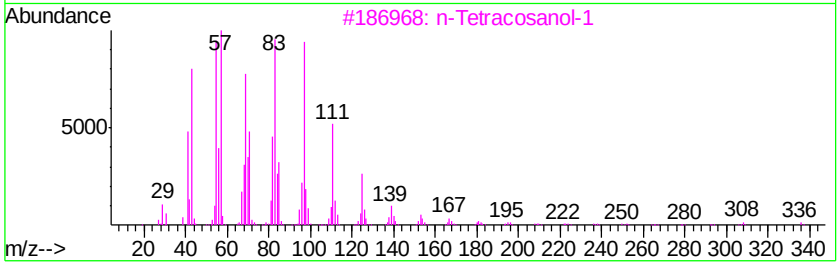


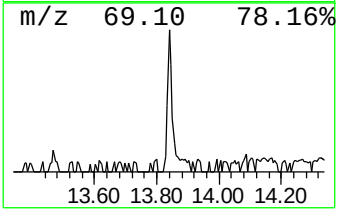












Library Search Compound Report

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

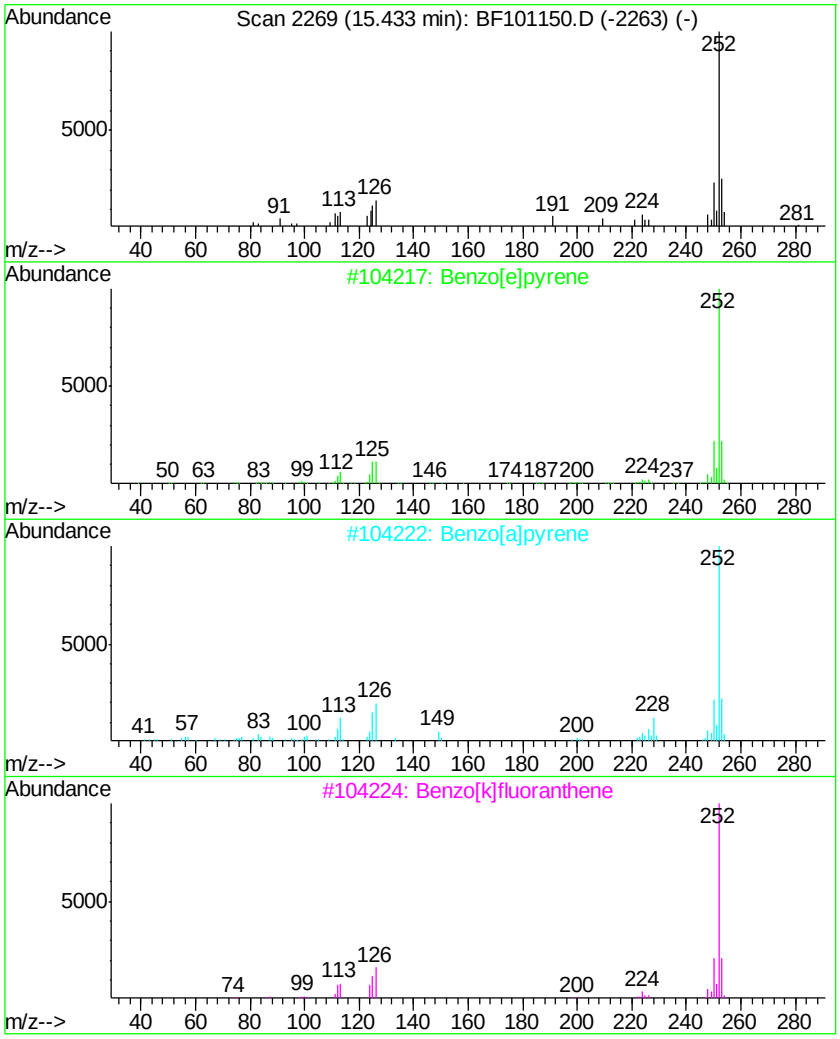
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

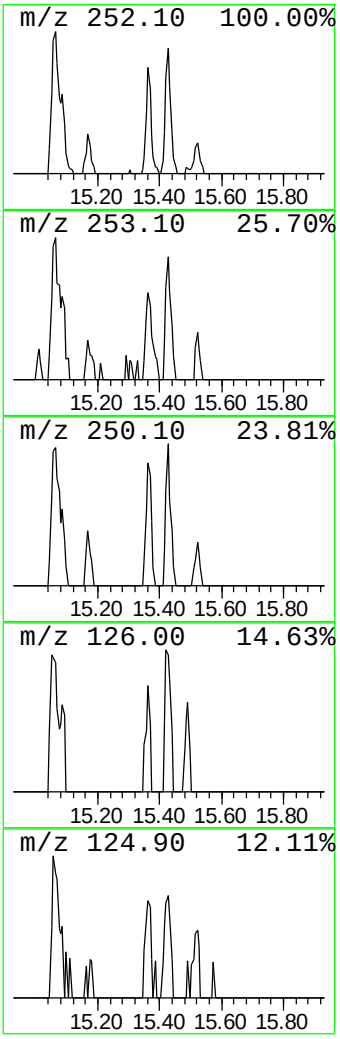
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	2.06 ng	33071	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	87
4	Perylene	252	C20H12	000198-55-0	87
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	87





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
ClientSampleId : MH-2-E(7-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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...	5.08	4.4	ng	67300	1	6.85	305351	20.0
unknown6.62	6.62	74.2	ng	1132950	1	6.85	305351	20.0
Eicosane	10.77	2.1	ng	41535	4	11.37	396593	20.0
Trichloroacetic a...	13.84	4.9	ng	73686	5	14.02	299439	20.0
Benzo[e]pyrene	15.43	2.1	ng	33071	6	15.49	320487	20.0