LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097090.D
Acq On : 26 Jul 2017 22:10
Operator : SJ/JU
Sample : I4360-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 295-N-4-(0-2)

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	2.299	64	70	80	rVB	99994	152458	5.94%	0.702%
2	4.640	464	468	487	rVB	278369	438989	17.11%	2.023%
3	5.098	542	546	562	rBV	2271312	2328545	90.76%	10.728%
4	6.157	721	726	741	rBV	2228518	2349936	91.60%	10.827%
5	6.269	741	745	748	rBV	2396173	2220173	86.54%	10.229%
6	6.492	780	783	793	rVB	647237	565290	22.03%	2.605%
7	6.651	806	810	820	rVB	1902205	1658923	64.66%	7.643%
8	7.063	875	880	883	rBV	1491582	1394920	54.37%	6.427%
9	7.775	998	1001	1006	rBV	837212	763010	29.74%	3.515%
10	8.857	1180	1185	1188	rBV	2660380	2565527	100.00%	11.820%
11	9.257	1249	1253	1256	rBV	280960	232181	9.05%	1.070%
12	9.522	1294	1298	1302	rBV	914133	796453	31.04%	3.670%
13	9.980	1373	1376	1379	rVB	56182	42997	1.68%	0.198%
14	10.198	1408	1413	1415	rBV	25361	33818	1.32%	0.156%
15	10.310	1428	1432	1448	rVB	1569805	1519610	59.23%	7.001%
16	10.451	1452	1456	1463	rBV	81438	98352	3.83%	0.453%
17	10.898	1527	1532	1534	rBV	37494	34734	1.35%	0.160%
18	10.998	1545	1549	1552	rBV	929394	787127	30.68%	3.627%
19	11.551	1640	1643	1646	rBV	42715	39478	1.54%	0.182%
20	12.427	1787	1792	1795	rBV2	46160	39203	1.53%	0.181%
21	12.586	1814	1819	1822	rBV	2064202	2053233	80.03%	9.460%
22	13.127	1908	1911	1914	rBV2	34190	34459	1.34%	0.159%
23	13.492	1969	1973	1982	rBV	137016	163663	6.38%	0.754%
24	13.621	1991	1995	2002	rBV	733361	638106	24.87%	2.940%
25	14.127	2077	2081	2088	rBV	36247	48798	1.90%	0.225%
26	14.704	2176	2179	2182	rBV	30339	29377	1.15%	0.135%
27	14.974	2218	2225	2230	rBV	431422	524210	20.43%	2.415%
28	15.186	2257	2261	2269	rVB8	15751	29407	1.15%	0.135%
29	15.380	2291	2294	2298	rBV3	19611	26686	1.04%	0.123%
30	15.427	2298	2302	2308	rVB4	18328	35254	1.37%	0.162%
31	16.027	2400	2404	2410	rVB7	14189	28172	1.10%	0.130%
32	16.427	2465	2472	2474	rBV8	12628	31216	1.22%	0.144%

LSC Area Percent Report

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Acq On : 26 Jul 2017 22:10
Operator : SJ/JU
Sample : I4360-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 295-N-4-(0-2)

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

Sum of corrected areas: 21704305

LSC Report - Integrated Chromatogram

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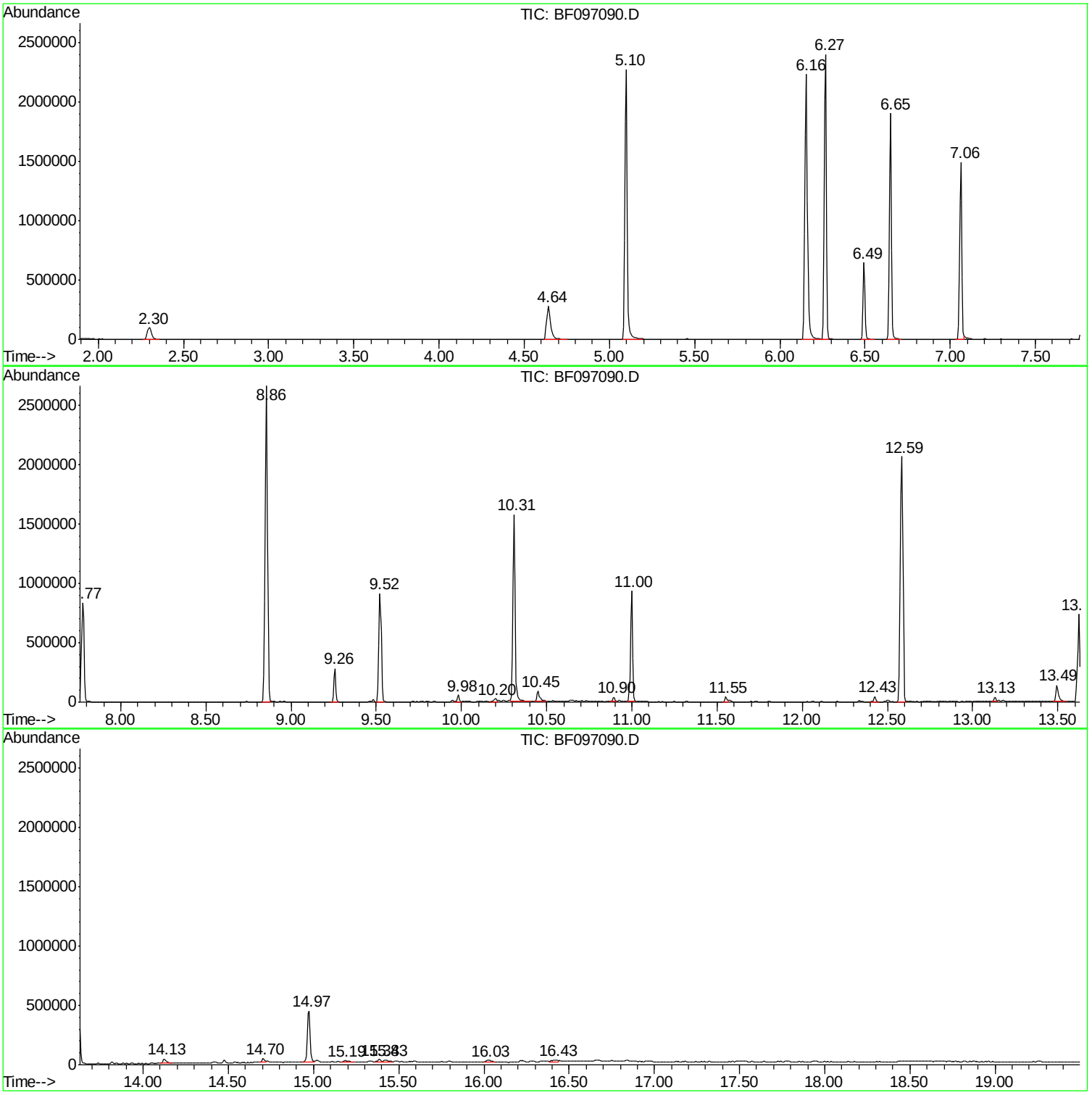
Data File : BF097090.D
Acq On : 26 Jul 2017 22:10
Operator : SJ/JU
Sample : I4360-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 295-N-4-(0-2)

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\BF072617\
Data File : BF097090.D
Acq On : 26 Jul 2017 22:10
Operator : SJ/JU
Sample : I4360-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 295-N-4-(0-2)

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

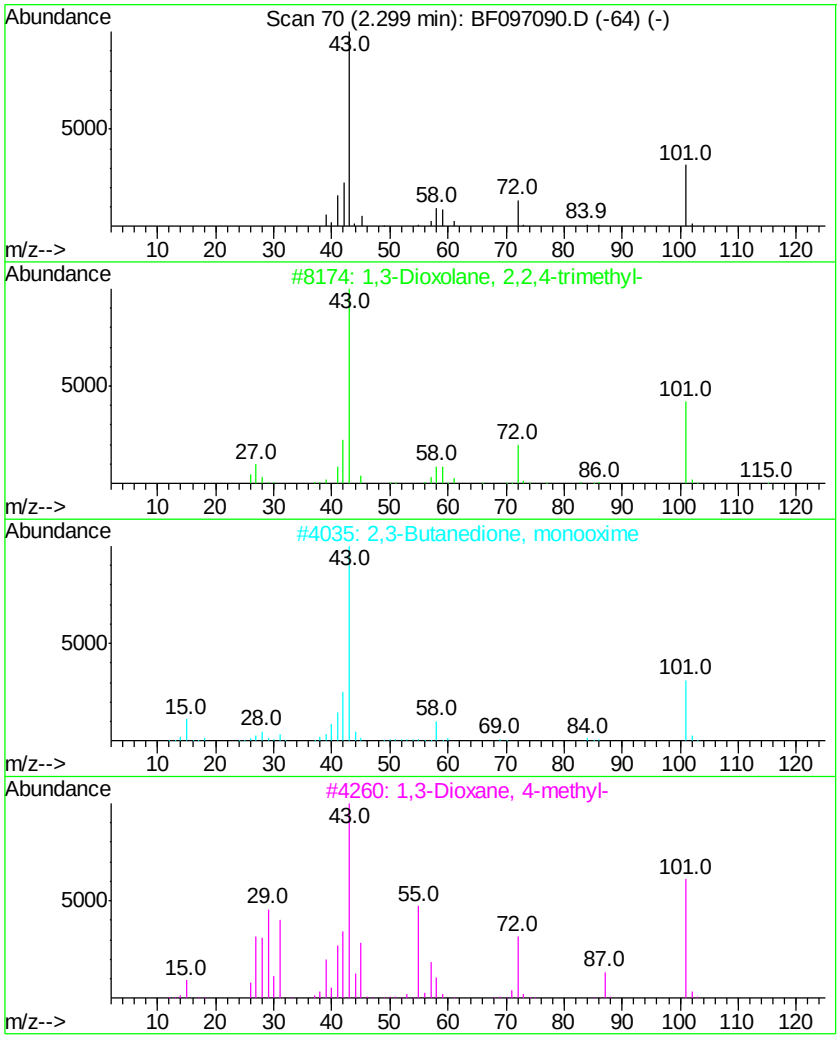
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

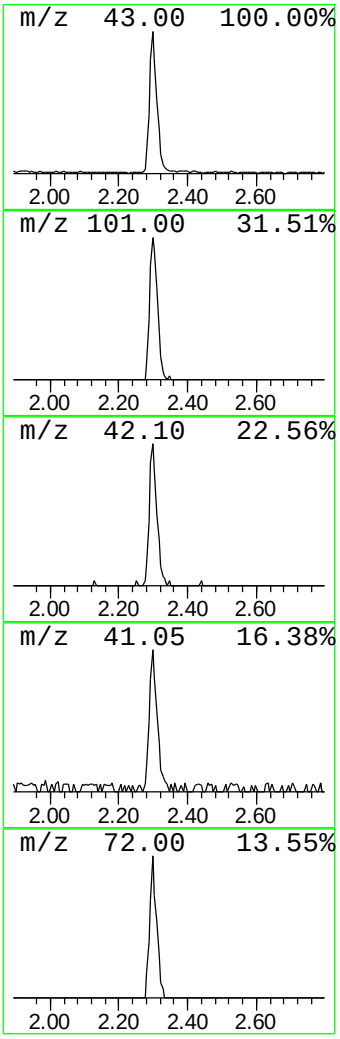
****

Peak Number 1 1,3-Dioxolane, 2,2,4-trimet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.30	5.39 ng	152458	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	59
3	1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	40
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28
5	Acetamide, N-(aminocarbonyl)-	102	C3H6N2O2	000591-07-1	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097090.D
Acq On : 26 Jul 2017 22:10
Operator : SJ/JU
Sample : I4360-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 295-N-4-(0-2)

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

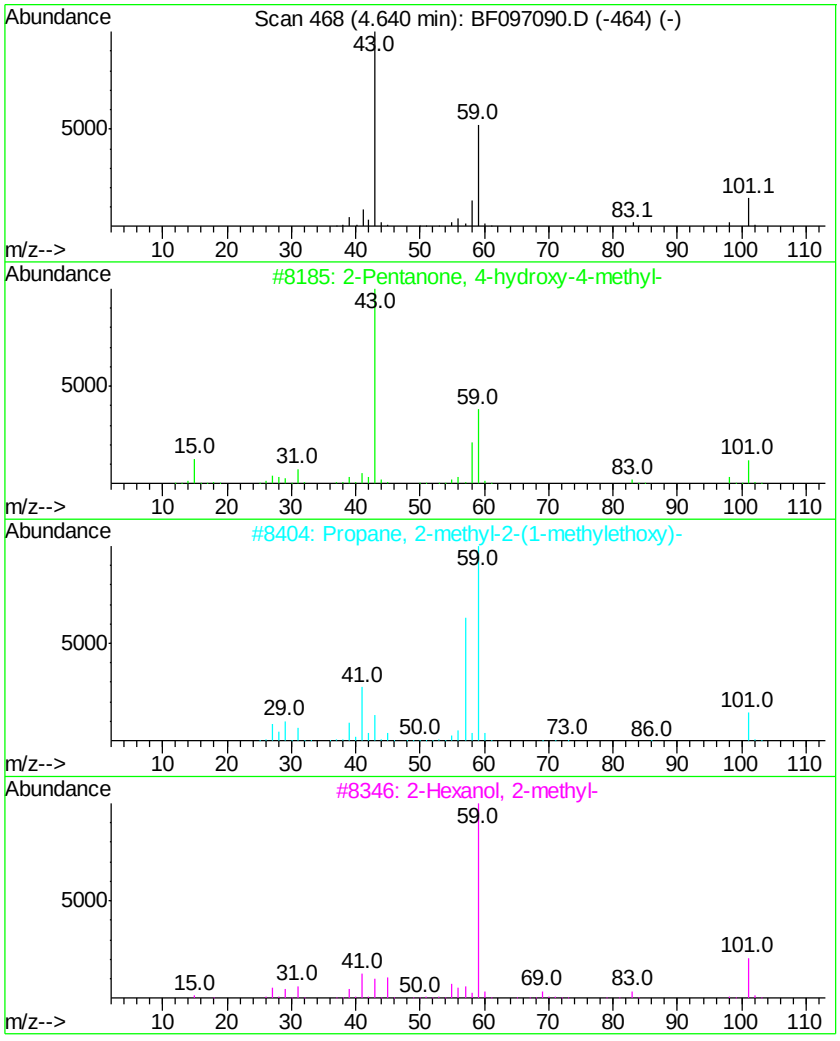
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

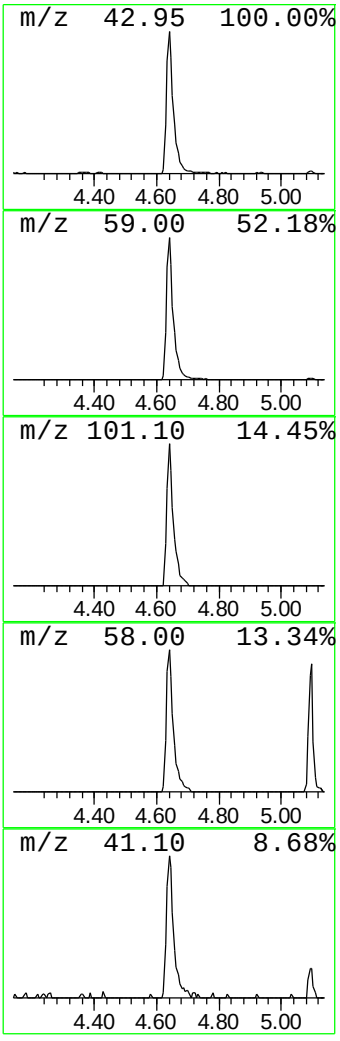
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	15.53 ng	438989	1,4-Dichlorobenzene-d4	6.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
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-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097090.D
Acq On : 26 Jul 2017 22:10
Operator : SJ/JU
Sample : I4360-17
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 295-N-4-(0-2)

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

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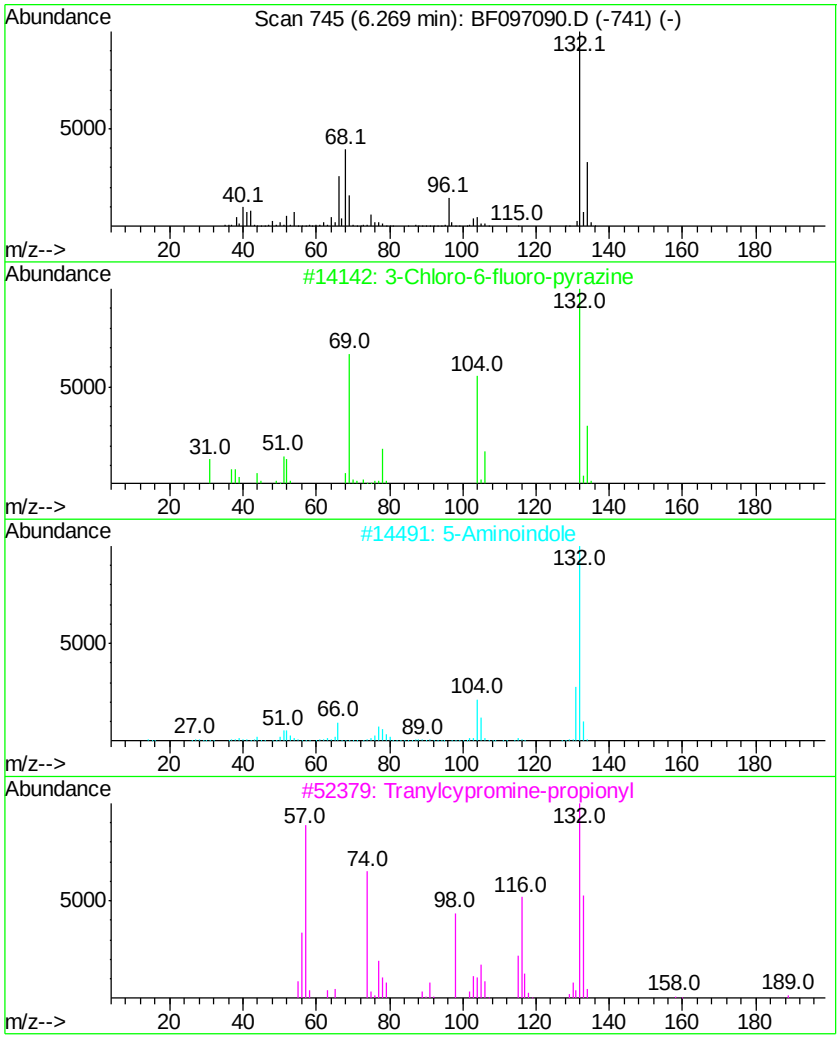
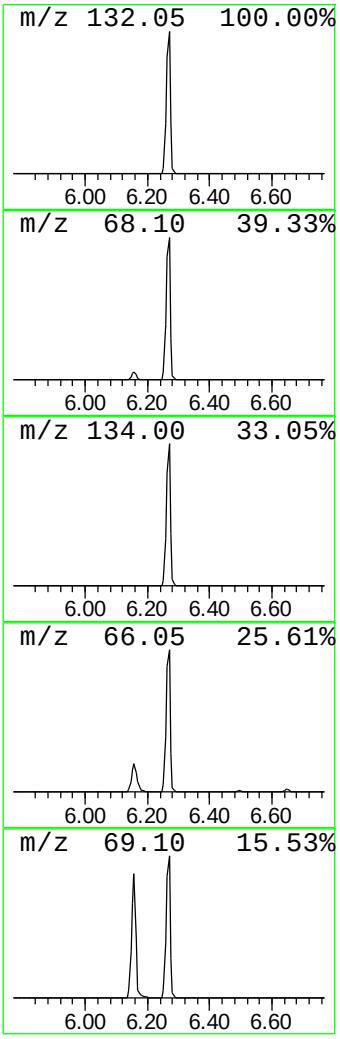
Peak Number 3 unknown6.27 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	78.55 ng	2220170	1,4-Dichlorobenzene-d4	6.49

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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Instrument : BNA_F
ClientSampleId : 295-N-4-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
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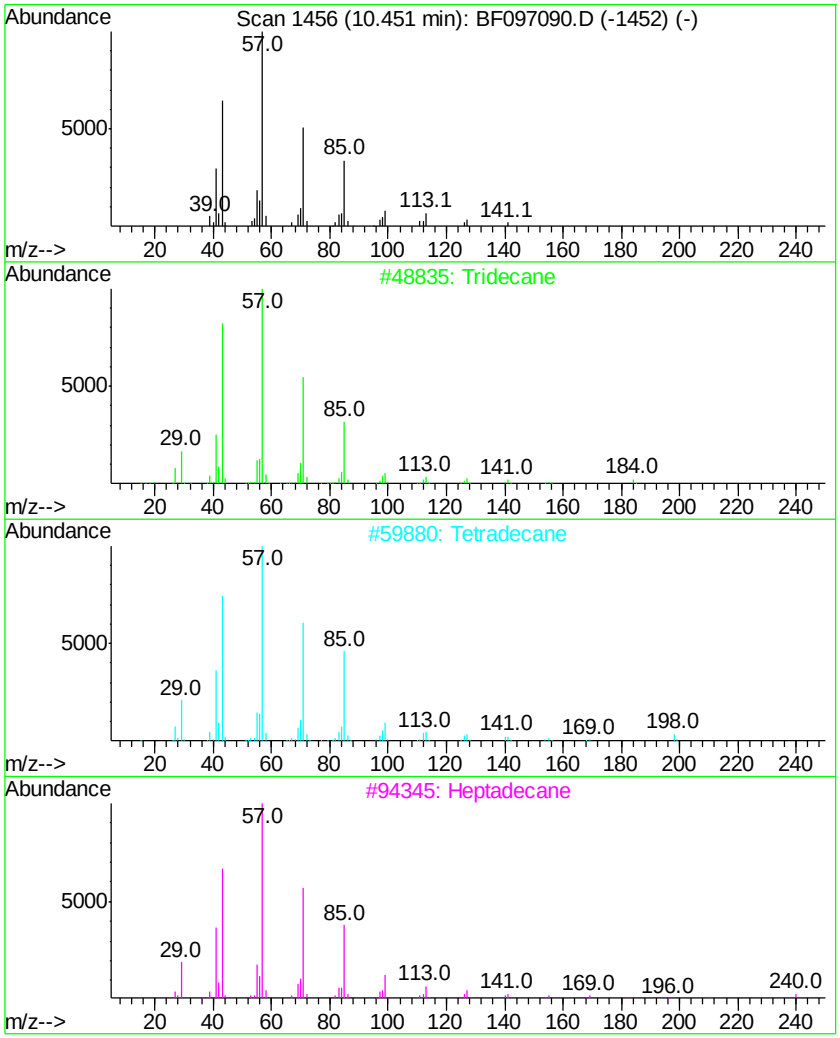
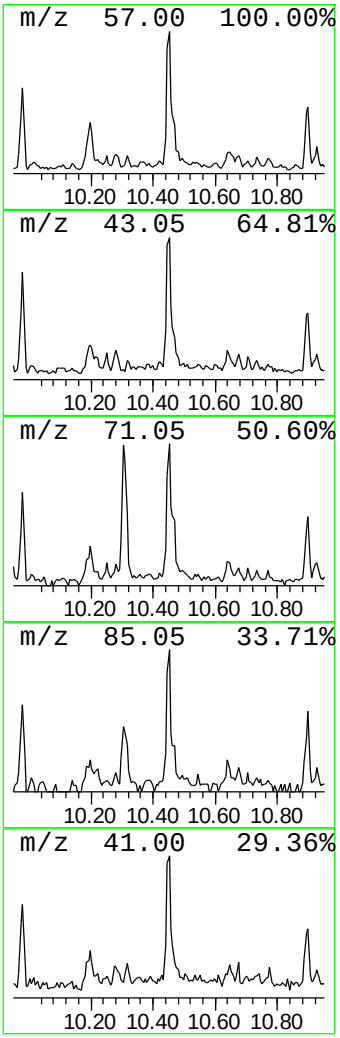
Peak Number 5 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	2.50 ng	98352	Phenanthrene-d10	11.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Heptadecane	240	C17H36	000629-78-7	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	78





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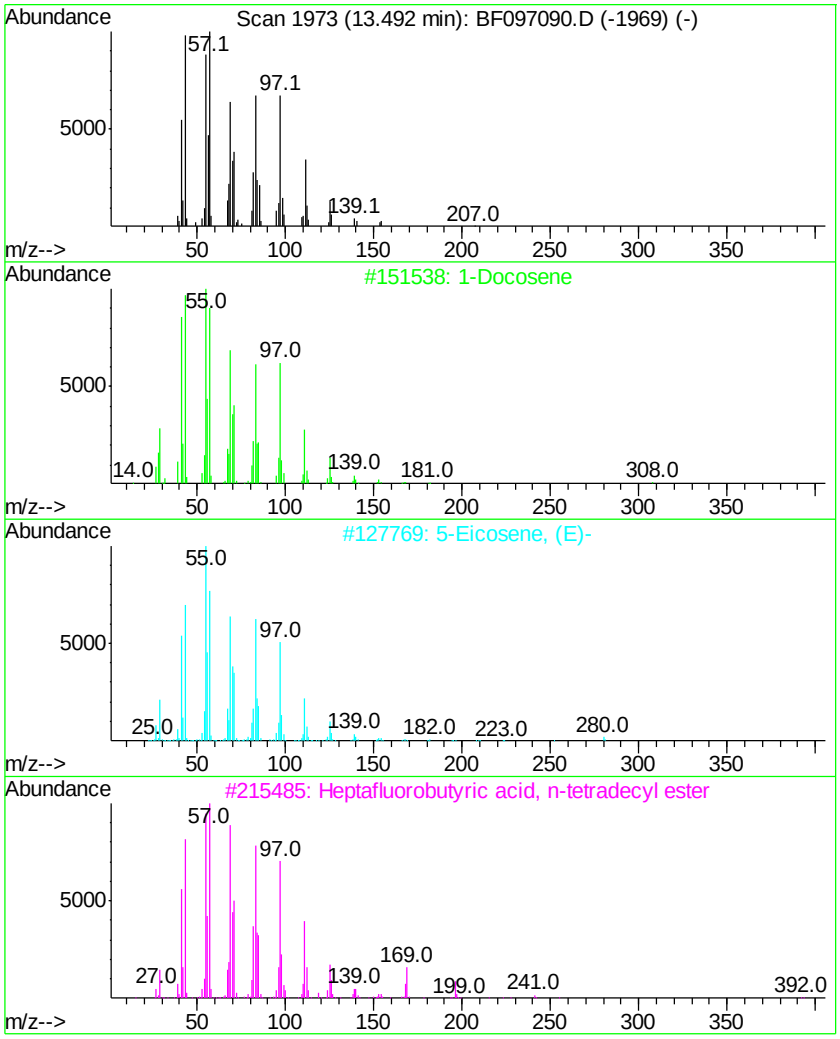
TIC Integration Parameters: LSCINT.P

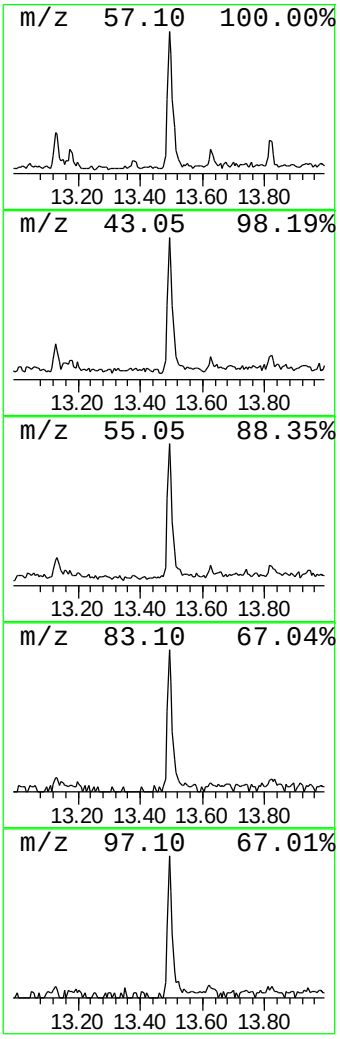
****

Peak Number 6 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	5.13 ng	163663	Chrysene-d12	13.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91





Tentatively Identified Compound (LSC) summary

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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
1,3-Dioxolane, 2,...	2.30	5.4	ng	152458	1	6.49	565290	20.0
2-Pentanone, 4-hy...	4.64	15.5	ng	438989	1	6.49	565290	20.0
unknown6.27	6.27	78.5	ng	2220170	1	6.49	565290	20.0
Tridecane	10.45	2.5	ng	98352	4	11.00	787127	20.0
1-Docosene	13.49	5.1	ng	163663	5	13.62	638106	20.0