LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108132.D
Acq On : 13 Aug 2018 22:32
Operator : JU/SJ
Sample : J4443-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SALEM-RD-SP

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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	2.366	3	5	12	rVB	474391	520389	11.48%	1.255%
2	3.648	220	223	237	rBV	61049	124591	2.75%	0.300%
3	5.266	493	498	509	rVB	721922	902016	19.90%	2.176%
4	5.648	558	563	566	rBV	4371170	4378178	96.58%	10.559%
5	6.642	726	732	735	rBV	4642154	4533072	100.00%	10.933%
6	6.666	735	736	742	rVB	59951	49855	1.10%	0.120%
7	6.795	753	758	761	rBV	4679293	4507960	99.45%	10.872%
8	7.025	793	797	800	rVB	1473474	1175092	25.92%	2.834%
9	7.184	819	824	827	rBV	3603900	3370665	74.36%	8.129%
10	7.584	887	892	895	rBV	3112811	2817653	62.16%	6.796%
11	8.307	1011	1015	1018	rBV	1822228	1412943	31.17%	3.408%
12	9.383	1193	1198	1201	rBV	5041684	4393516	96.92%	10.596%
13	9.772	1260	1264	1268	rBV	390928	310696	6.85%	0.749%
14	10.072	1311	1315	1319	rBV2	1617662	1433968	31.63%	3.458%
15	10.866	1446	1450	1458	rBV	2850411	2516985	55.52%	6.071%
16	11.572	1566	1570	1573	rBV	1756057	1379469	30.43%	3.327%
17	13.160	1836	1840	1844	rBV	4511894	3985042	87.91%	9.611%
18	13.713	1931	1934	1936	rBV2	51944	48509	1.07%	0.117%
19	13.836	1952	1955	1961	rBV6	36148	55482	1.22%	0.134%
20	14.054	1988	1992	2002	rBV4	177345	426271	9.40%	1.028%
21	14.230	2018	2022	2025	rBV	1430665	1216083	26.83%	2.933%
22	14.360	2041	2044	2048	rBV	117633	113880	2.51%	0.275%
23	14.671	2094	2097	2101	rVB	173092	158600	3.50%	0.383%
24	15.001	2150	2153	2158	rVB	190180	213818	4.72%	0.516%
25	15.371	2213	2216	2222	rVB	206712	267770	5.91%	0.646%
26	15.801	2284	2289	2296	rVB2	646175	968219	21.36%	2.335%
27	16.277	2367	2370	2375	rVB	116234	181466	4.00%	0.438%

Sum of corrected areas: 41462188

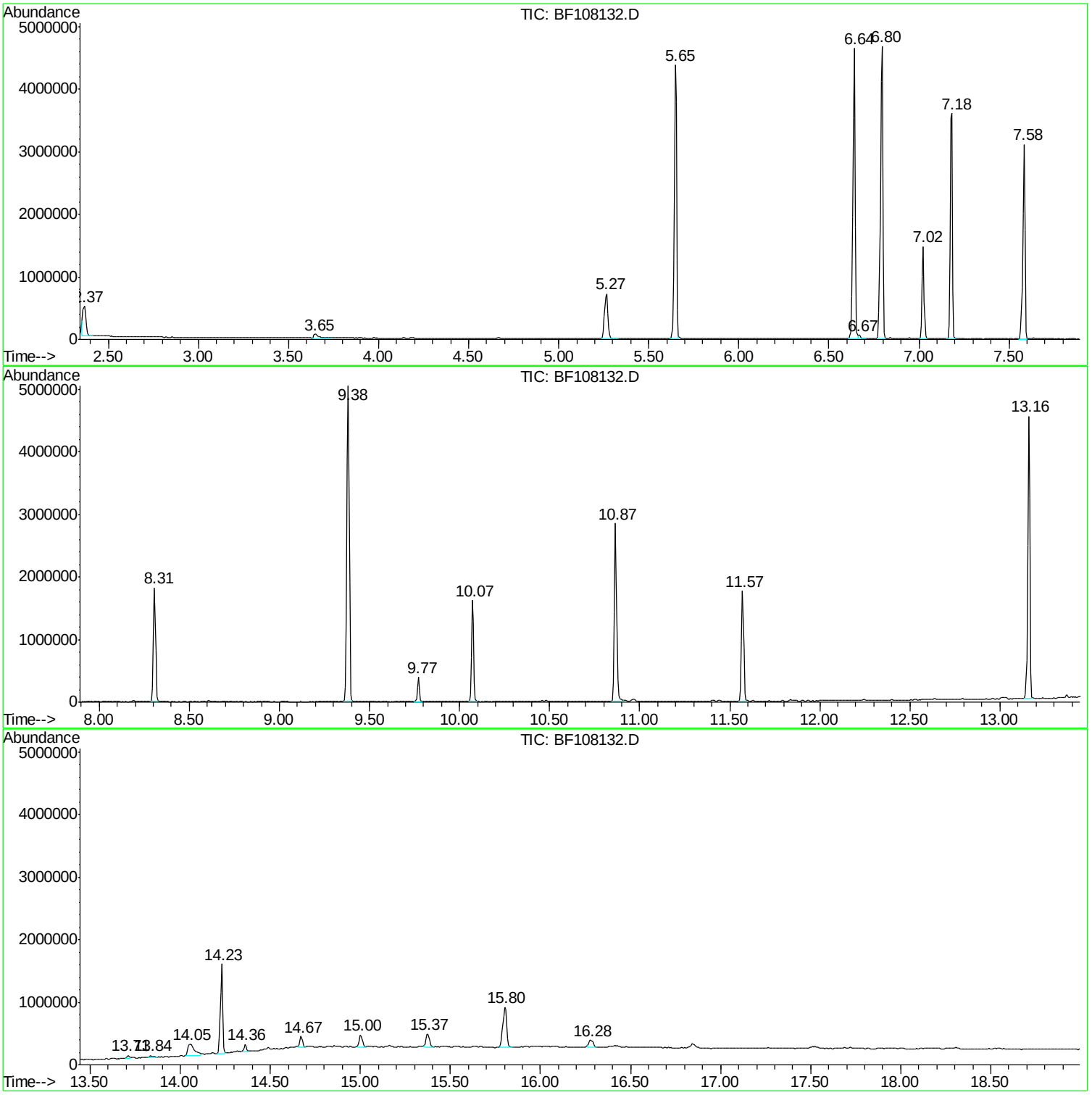
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108132.D
Acq On : 13 Aug 2018 22:32
Operator : JU/SJ
Sample : J4443-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SALEM-RD-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108132.D
Acq On : 13 Aug 2018 22:32
Operator : JU/SJ
Sample : J4443-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SALEM-RD-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

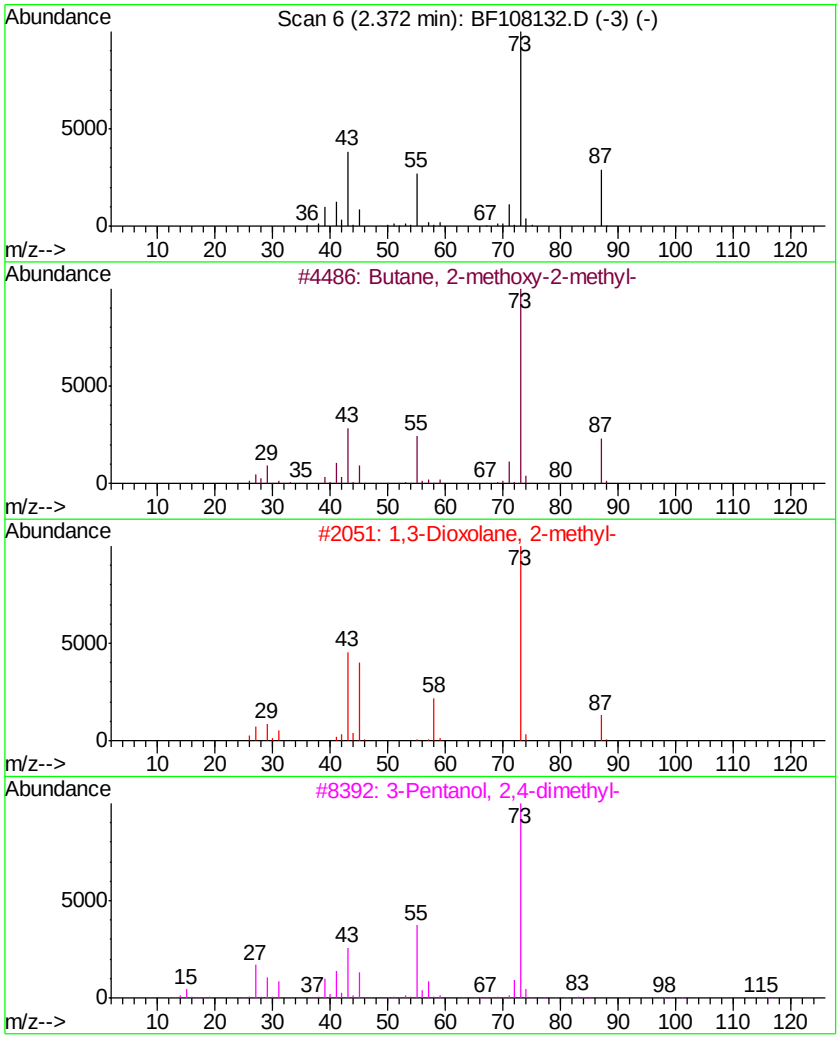
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

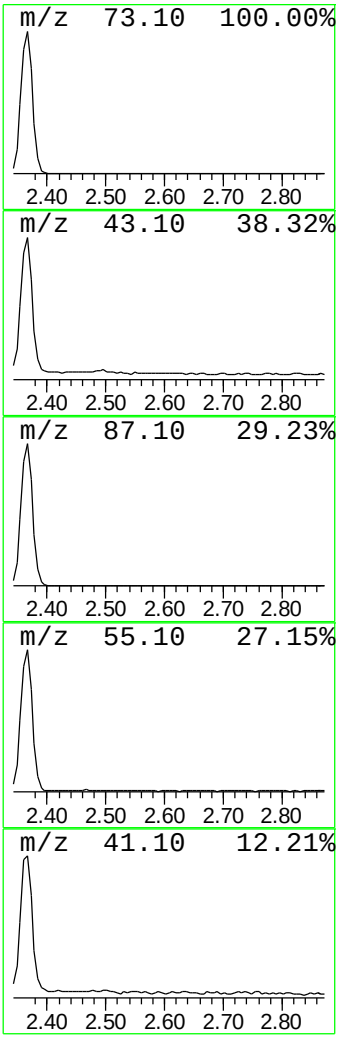
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.37	8.86 ng	520389	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	25
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108132.D
Acq On : 13 Aug 2018 22:32
Operator : JU/SJ
Sample : J4443-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SALEM-RD-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

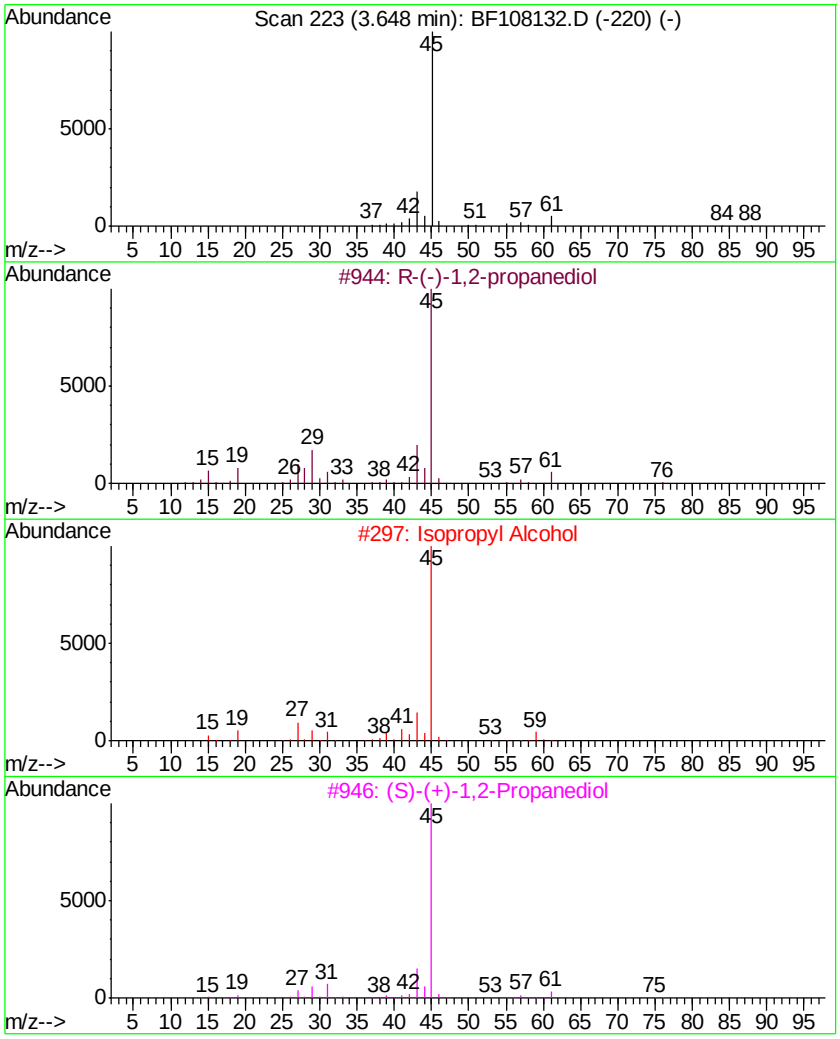
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

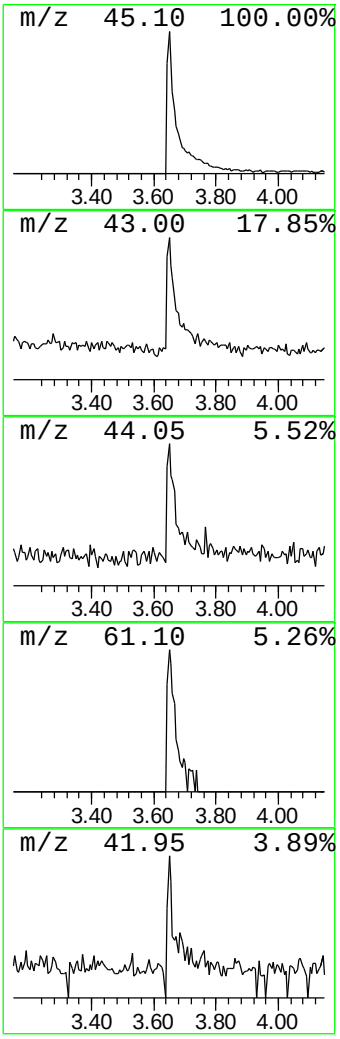
****

Peak Number 2 unknown3.65 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	2.12 ng	124591	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	43
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	40
3	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40
4	(R)-(-)-3-Methyl-2-butanol	88	C5H12O	001572-93-6	9
5	2-Pentanol	88	C5H12O	006032-29-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
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Acq On : 13 Aug 2018 22:32
Operator : JU/SJ
Sample : J4443-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SALEM-RD-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

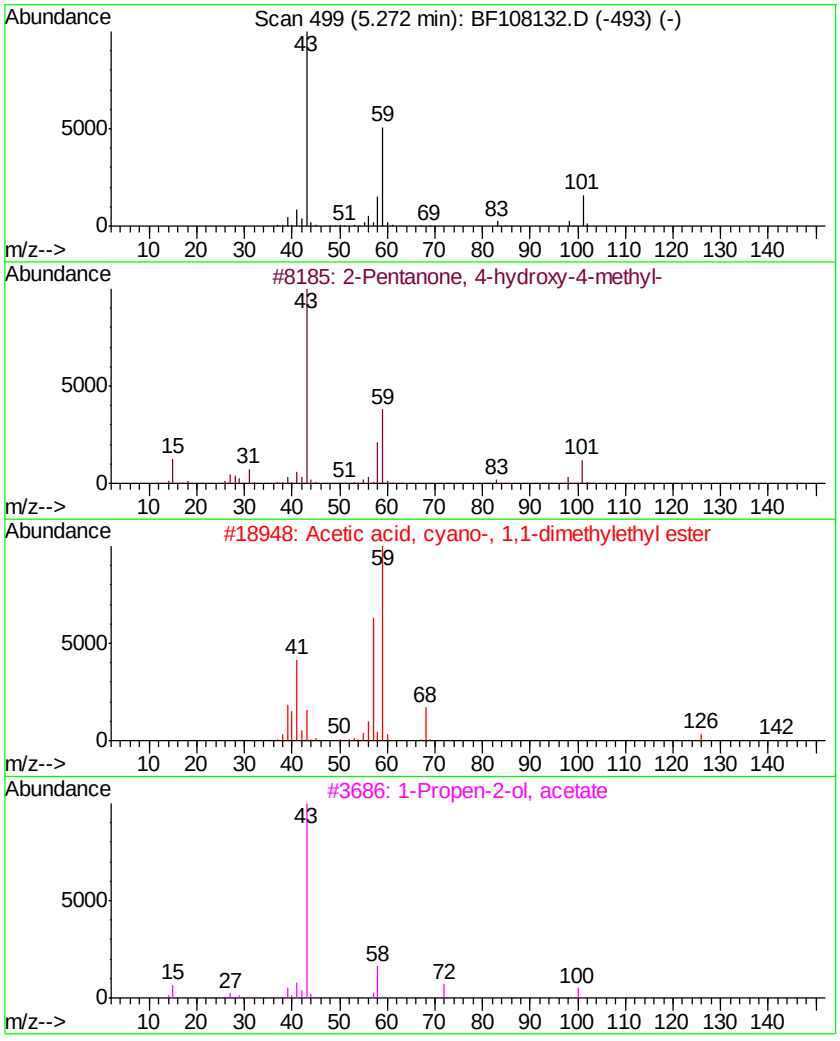
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

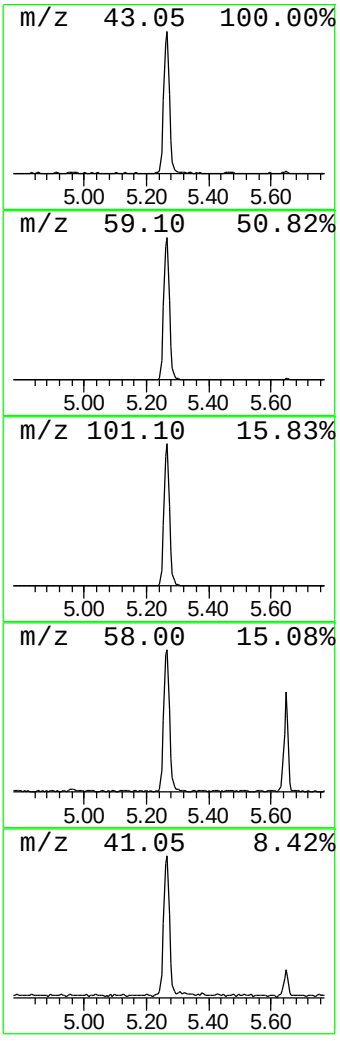
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.27	15.35 ng	902016	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	1,2-Butanediol	90	C4H10O2	000584-03-2	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108132.D
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Operator : JU/SJ
Sample : J4443-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SALEM-RD-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

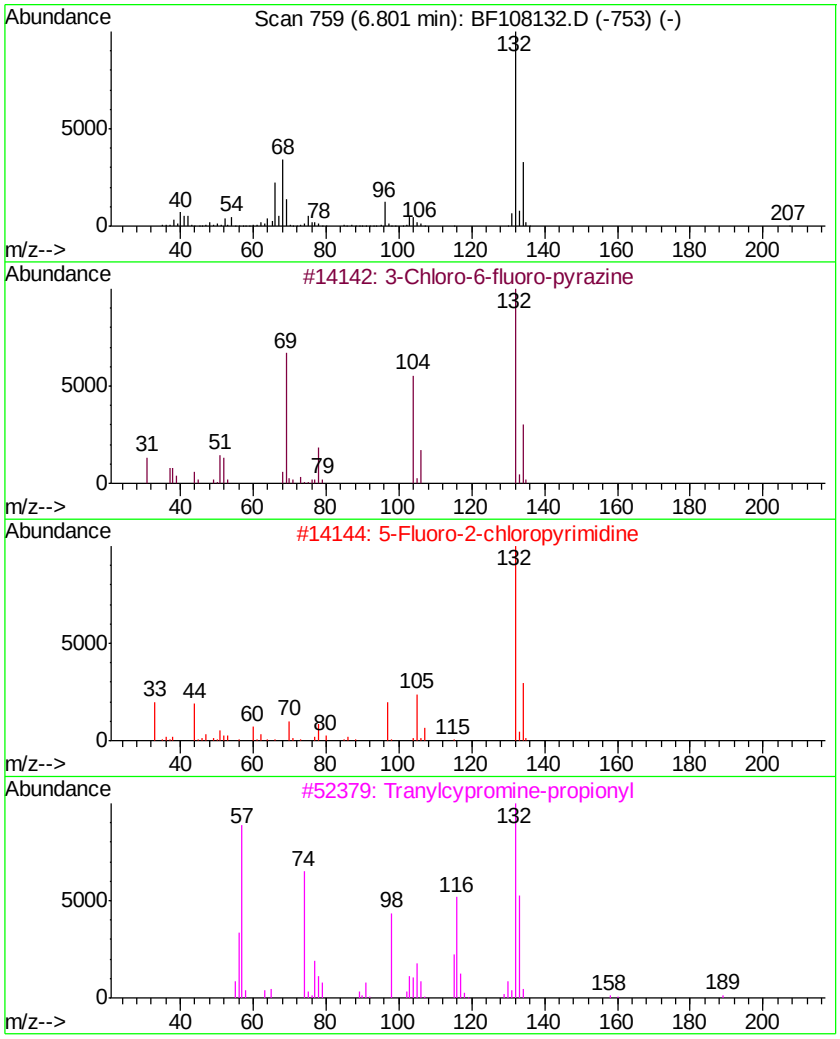
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

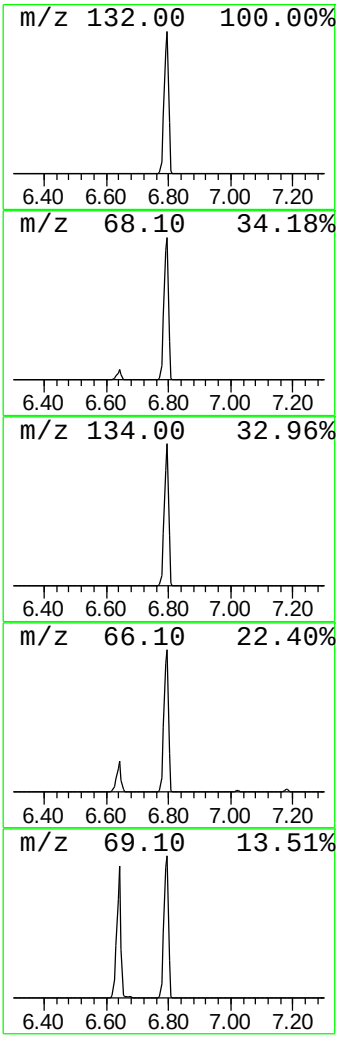
****

Peak Number 4 unknown6.80 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	76.73 ng	4507960	1,4-Dichlorobenzene-d4	7.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108132.D
Acq On : 13 Aug 2018 22:32
Operator : JU/SJ
Sample : J4443-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SALEM-RD-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

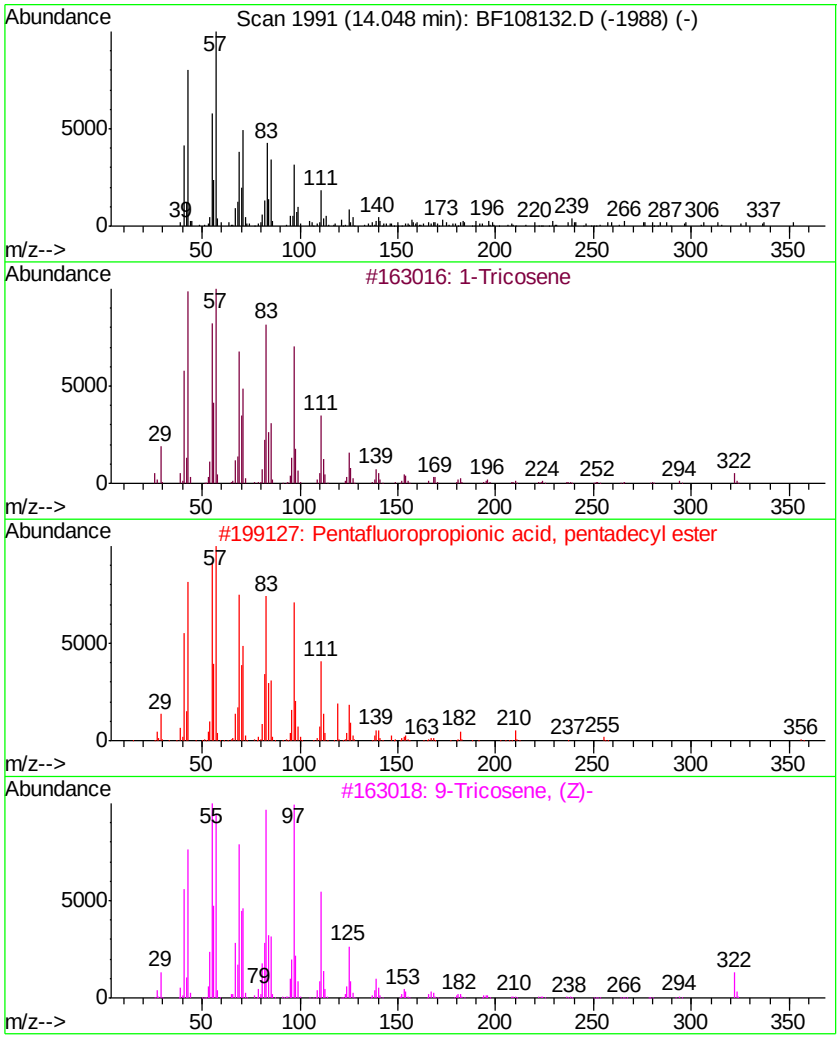
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

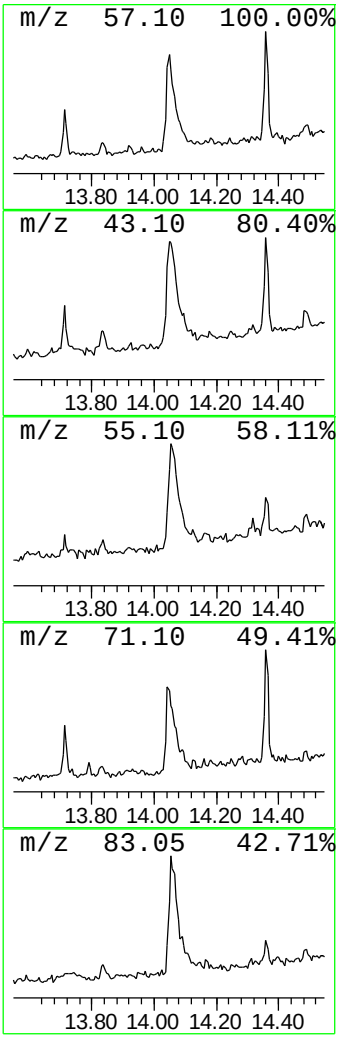
****

Peak Number 6 1-Tricosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	7.01 ng	426271	Chrysene-d12	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	95
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108132.D
Acq On : 13 Aug 2018 22:32
Operator : JU/SJ
Sample : J4443-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SALEM-RD-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

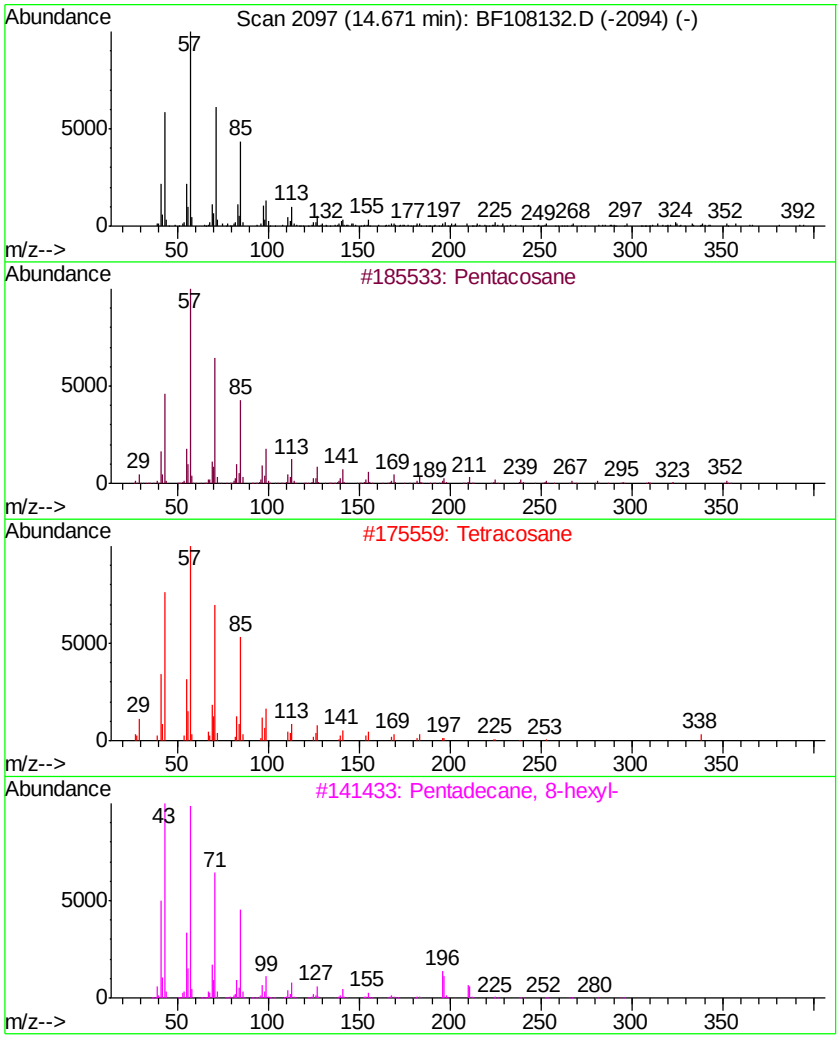
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

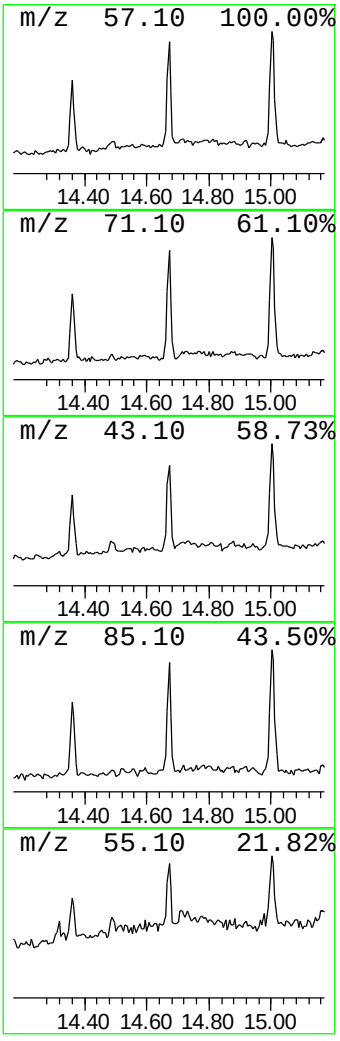
****

Peak Number 7 Pentacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	2.61 ng	158600	Chrysene-d12	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	94
2	Tetracosane	338	C24H50	000646-31-1	91
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4	Eicosane, 3-methyl-	296	C21H44	006418-46-8	90
5	Heptacosane	380	C27H56	000593-49-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108132.D
Acq On : 13 Aug 2018 22:32
Operator : JU/SJ
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SALEM-RD-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

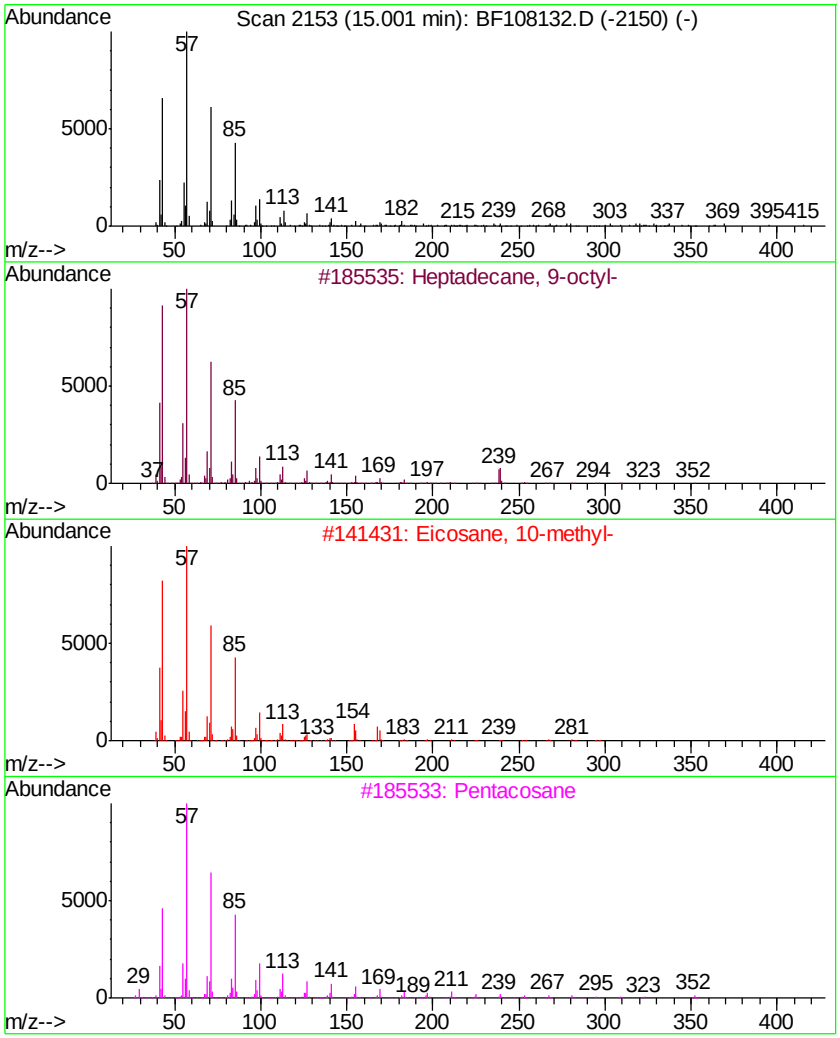
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

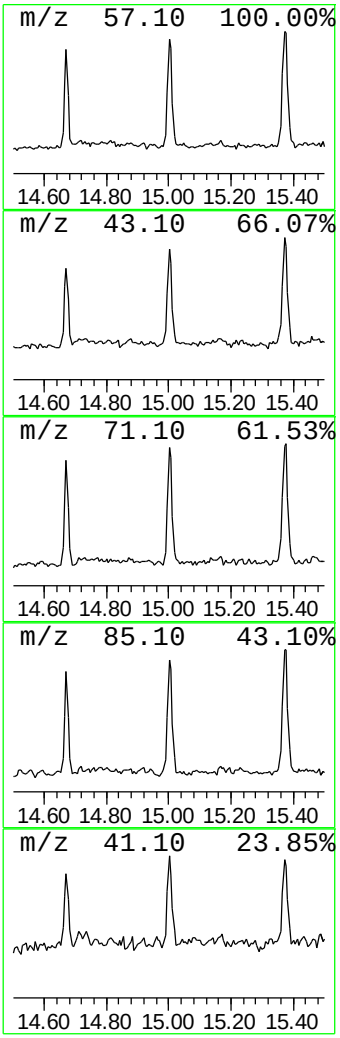
****

Peak Number 8 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	3.52 ng	213818	Chrysene-d12	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
3	Pentacosane	352	C25H52	000629-99-2	87
4	Hexatriacontane	507	C36H74	000630-06-8	87
5	Hexacosane	366	C26H54	000630-01-3	87





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Acq On : 13 Aug 2018 22:32
Operator : JU/SJ
Sample : J4443-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SALEM-RD-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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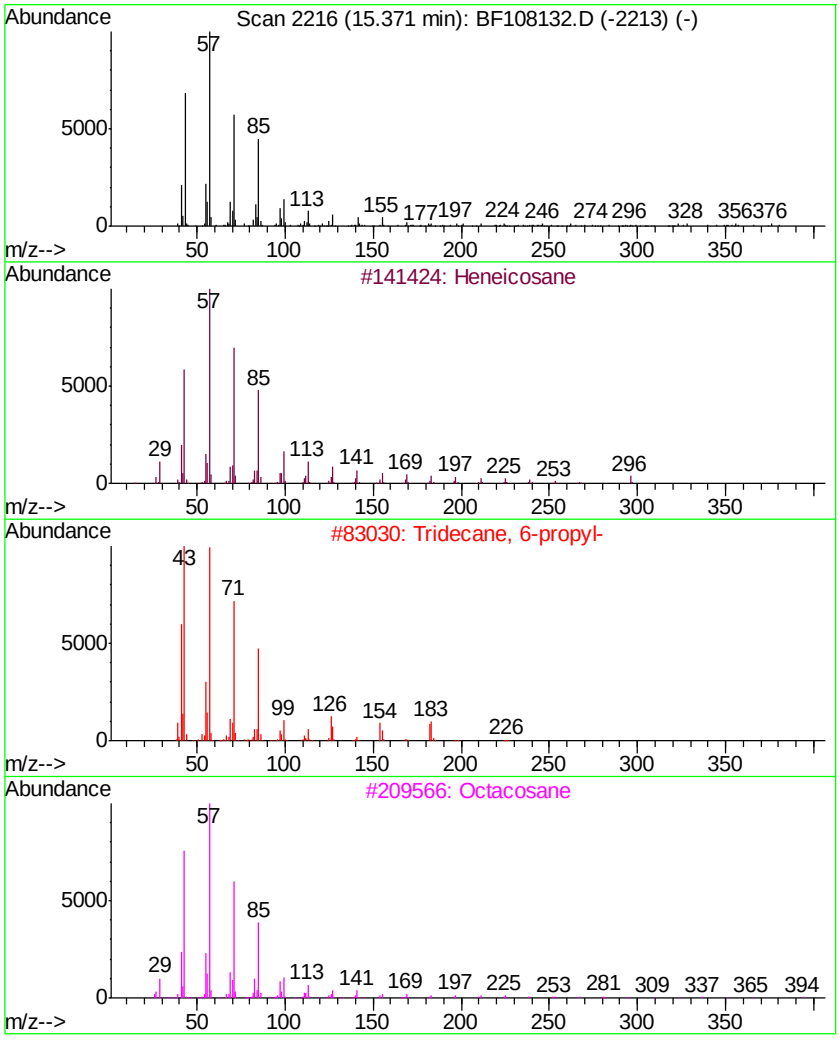
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

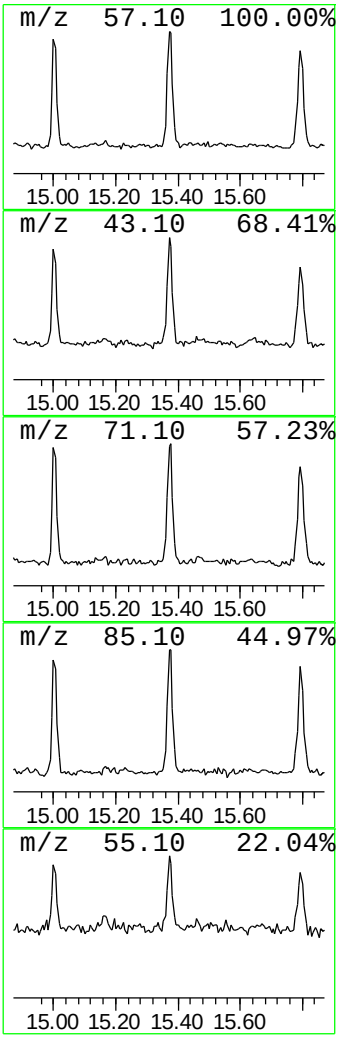
****

Peak Number 9 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	5.53 ng	267770	Perylene-d12	15.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Library Search Compound Report

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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SALEM-RD-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

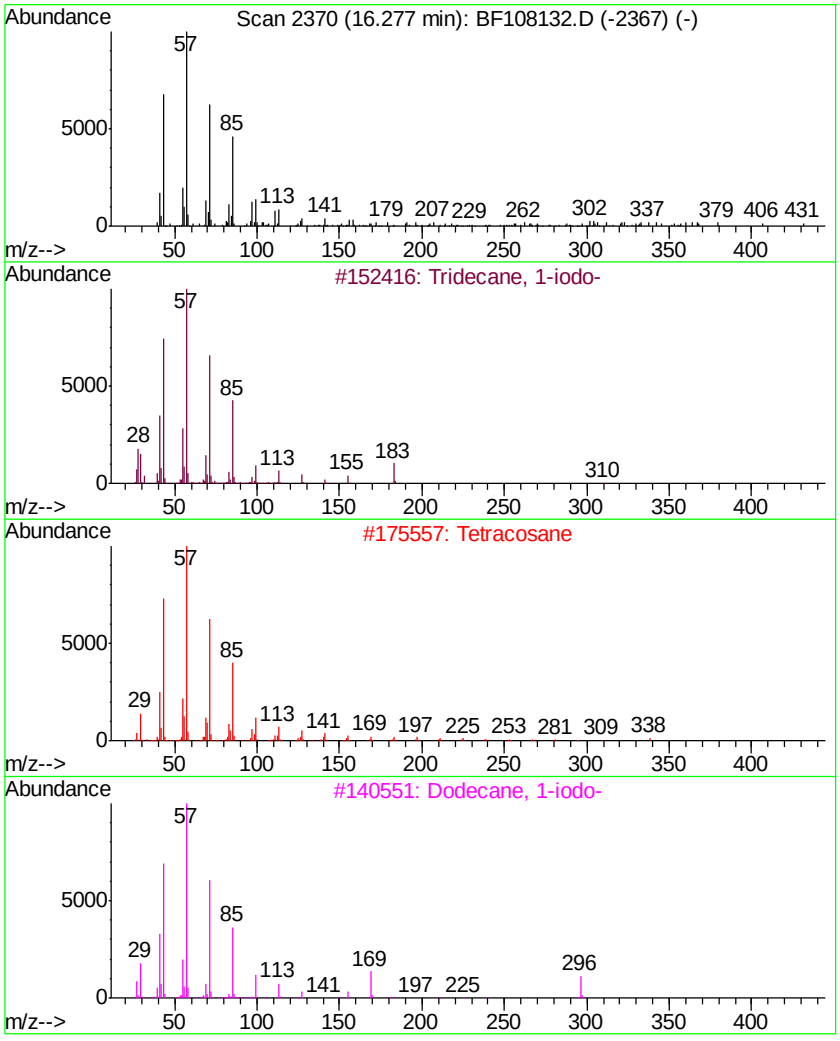
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

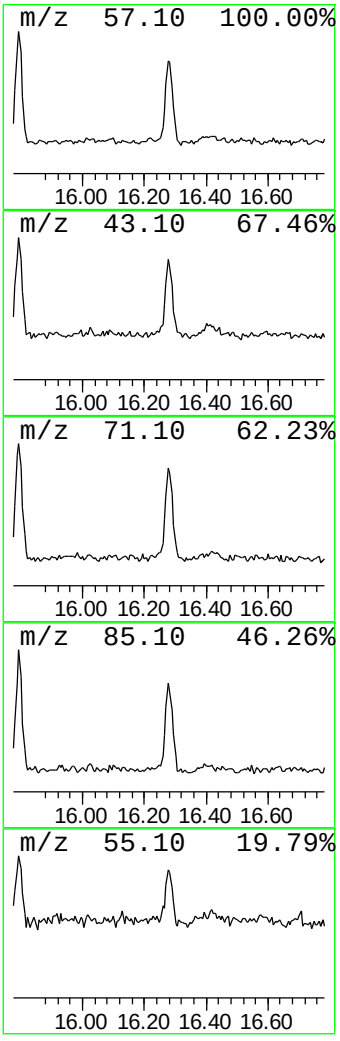
****

Peak Number 10 Tridecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	3.75 ng	181466	Perylene-d12	15.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
2	Tetracosane	338	C24H50	000646-31-1	80
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4	Heptacosane	380	C27H56	000593-49-7	70
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
Data File : BF108132.D
Acq On : 13 Aug 2018 22:32
Operator : JU/SJ
Sample : J4443-01
Misc :
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Instrument : BNA_F
ClientSampleId : SALEM-RD-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
Butane, 2-methoxy...	2.37	8.9	ng	520389	1	7.02	1175090	20.0
unknown3.65	3.65	2.1	ng	124591	1	7.02	1175090	20.0
2-Pentanone, 4-hy...	5.27	15.4	ng	902016	1	7.02	1175090	20.0
unknown6.80	6.80	76.7	ng	4507960	1	7.02	1175090	20.0
1-Tricosene	14.05	7.0	ng	426271	5	14.23	1216080	20.0
Pentacosane	14.67	2.6	ng	158600	5	14.23	1216080	20.0
Heptadecane, 9-oc...	15.00	3.5	ng	213818	5	14.23	1216080	20.0
Heneicosane	15.37	5.5	ng	267770	6	15.81	968219	20.0
Tridecane, 1-iodo-	16.28	3.8	ng	181466	6	15.81	968219	20.0