LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110188.D
Acq On : 26 Oct 2018 3:57
Operator : JU/SJ
Sample : J5621-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-SED-02

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-BF102318.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	31	36	54	rVB	337343	504323	18.74%	2.392%
2	5.204	527	530	538	rBV	89389	107772	4.00%	0.511%
3	5.593	591	596	599	rBV	2521418	2333491	86.70%	11.068%
4	6.592	761	766	780	rBV2	2358896	2691603	100.00%	12.767%
5	6.739	786	791	794	rBV	2673334	2383048	88.54%	11.303%
6	6.969	826	830	833	rBV	883871	705310	26.20%	3.345%
7	7.122	852	856	860	rBV	1897806	1785102	66.32%	8.467%
8	7.528	921	925	934	rBV	1407713	1346950	50.04%	6.389%
9	8.251	1044	1048	1059	rBV	916896	809008	30.06%	3.837%
10	9.328	1227	1231	1234	rBV	2309425	2070789	76.94%	9.822%
11	9.716	1293	1297	1303	rBV	236838	193294	7.18%	0.917%
12	10.010	1343	1347	1351	rBV2	803353	706564	26.25%	3.351%
13	10.798	1478	1481	1496	rBV	1075669	1053267	39.13%	4.996%
14	11.504	1597	1601	1604	rBV	769484	657442	24.43%	3.118%
15	12.010	1683	1687	1689	rBV2	33859	34628	1.29%	0.164%
16	12.721	1804	1808	1811	rBV	95033	89288	3.32%	0.424%
17	12.951	1842	1847	1853	rVB	96107	127585	4.74%	0.605%
18	13.086	1866	1870	1874	rBV	2036568	1750887	65.05%	8.305%
19	13.974	2018	2021	2027	rBV3	58698	77960	2.90%	0.370%
20	14.151	2047	2051	2054	rBV	679478	616531	22.91%	2.924%
21	14.286	2072	2074	2077	rVB	61431	52489	1.95%	0.249%
22	14.592	2124	2126	2130	rVB	95588	89903	3.34%	0.426%
23	14.915	2178	2181	2184	rVB	139034	143971	5.35%	0.683%
24	15.268	2239	2241	2245	rVB	145659	156087	5.80%	0.740%
25	15.680	2306	2311	2317	rVB2	424908	595895	22.14%	2.826%

Sum of corrected areas: 21083187

LSC Report - Integrated Chromatogram

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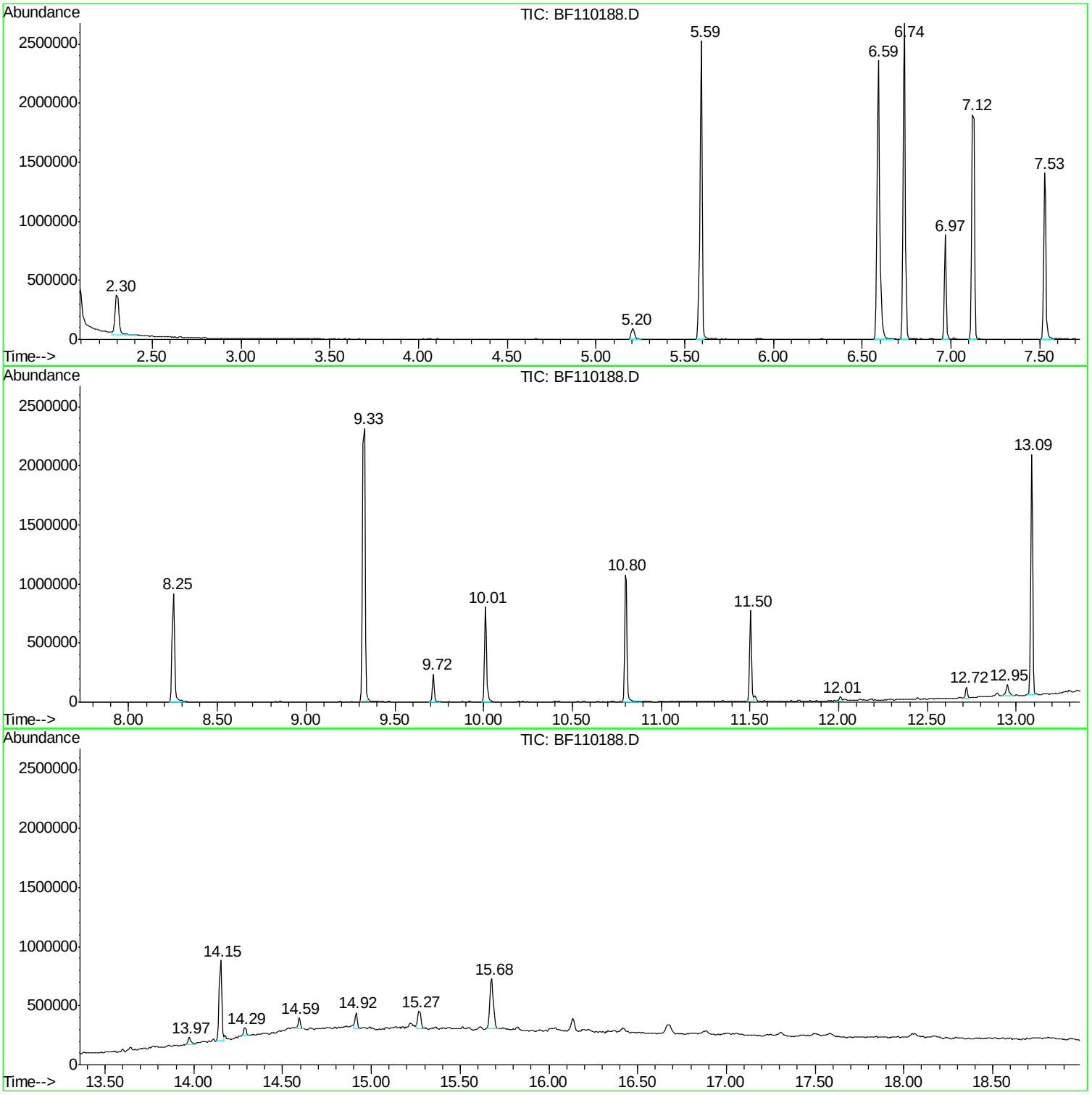
Operator : JU/SJ
Sample : J5621-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-SED-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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\BF102518\
Data File : BF110188.D
Acq On : 26 Oct 2018 3:57
Operator : JU/SJ
Sample : J5621-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-SED-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

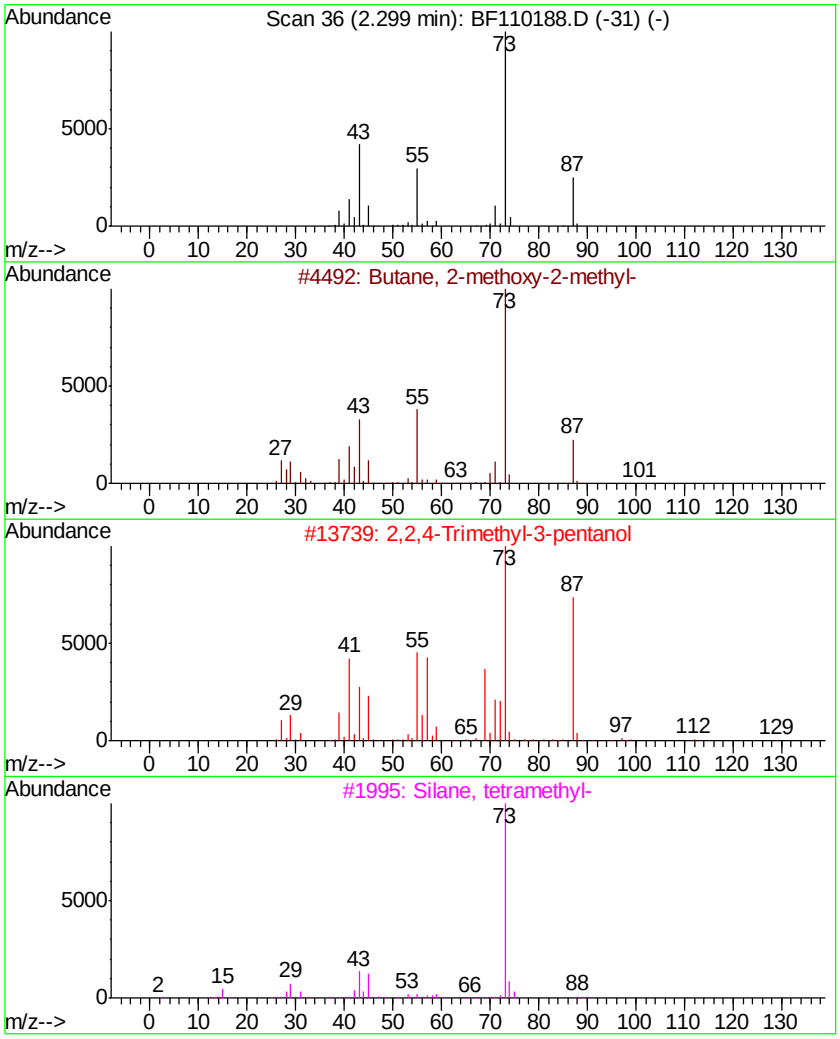
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

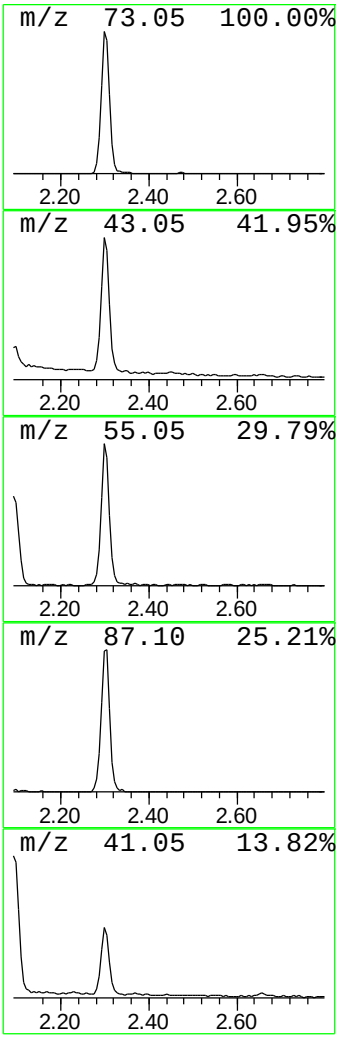
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.30	14.30 ng	504323	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

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Operator : JU/SJ
Sample : J5621-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-SED-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

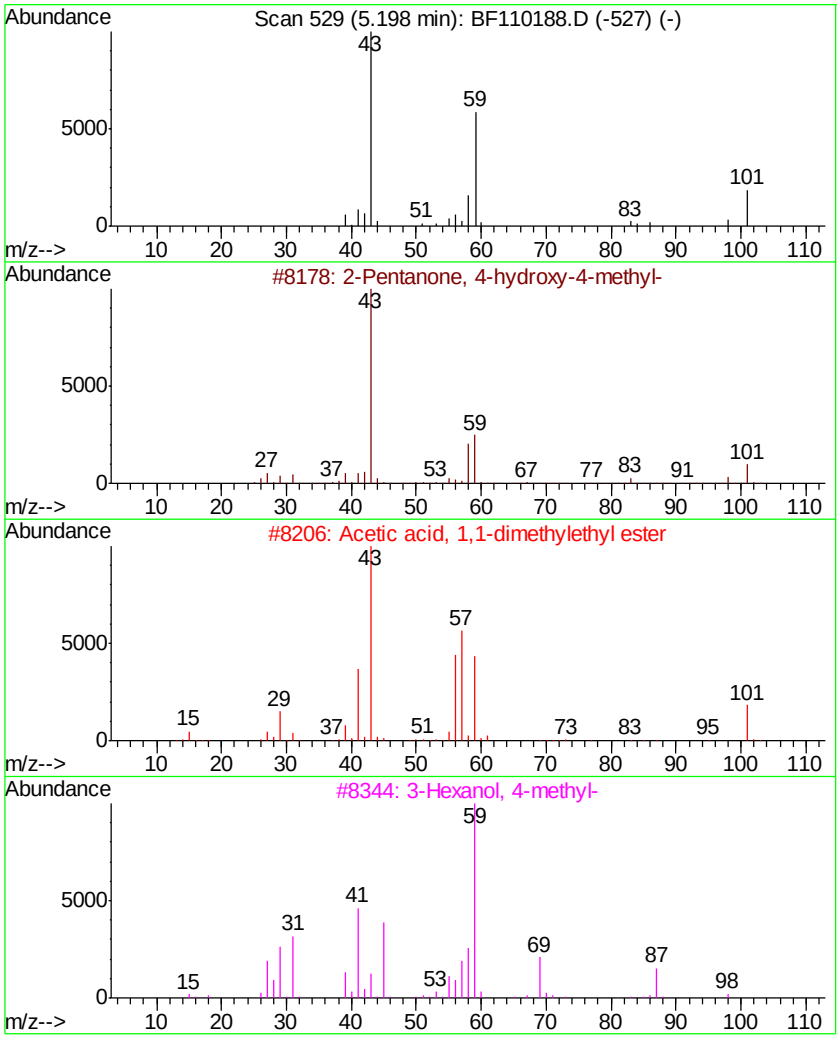
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

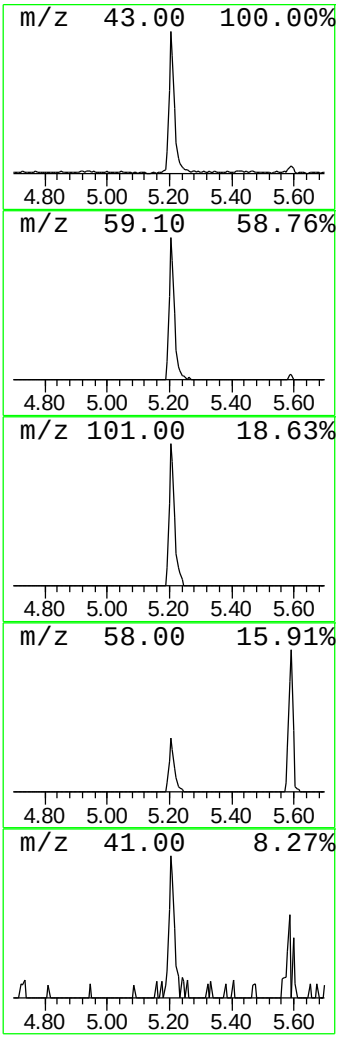
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	3.06 ng	107772	1,4-Dichlorobenzene-d4	6.97

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SA-SED-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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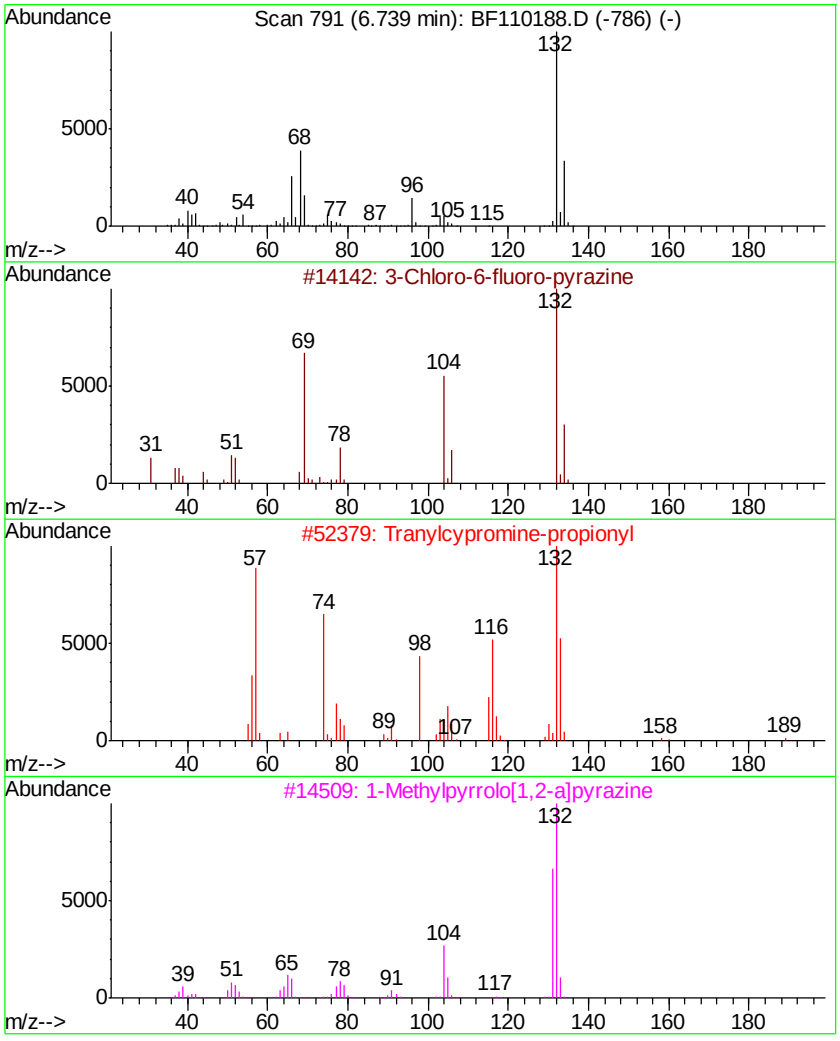
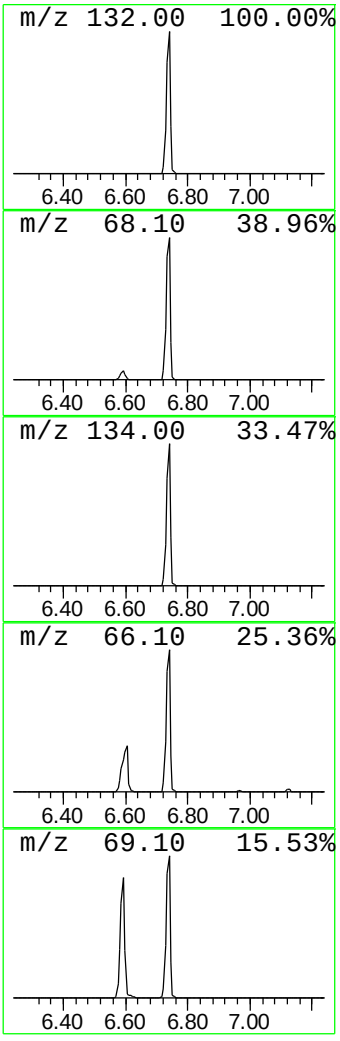
****

Peak Number 3 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	67.57 ng	2383050	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Operator : JU/SJ
Sample : J5621-04
Misc :
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Instrument : BNA_F
ClientSampleId : SA-SED-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
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TIC Library : C:\DATABASE\NIST11.L
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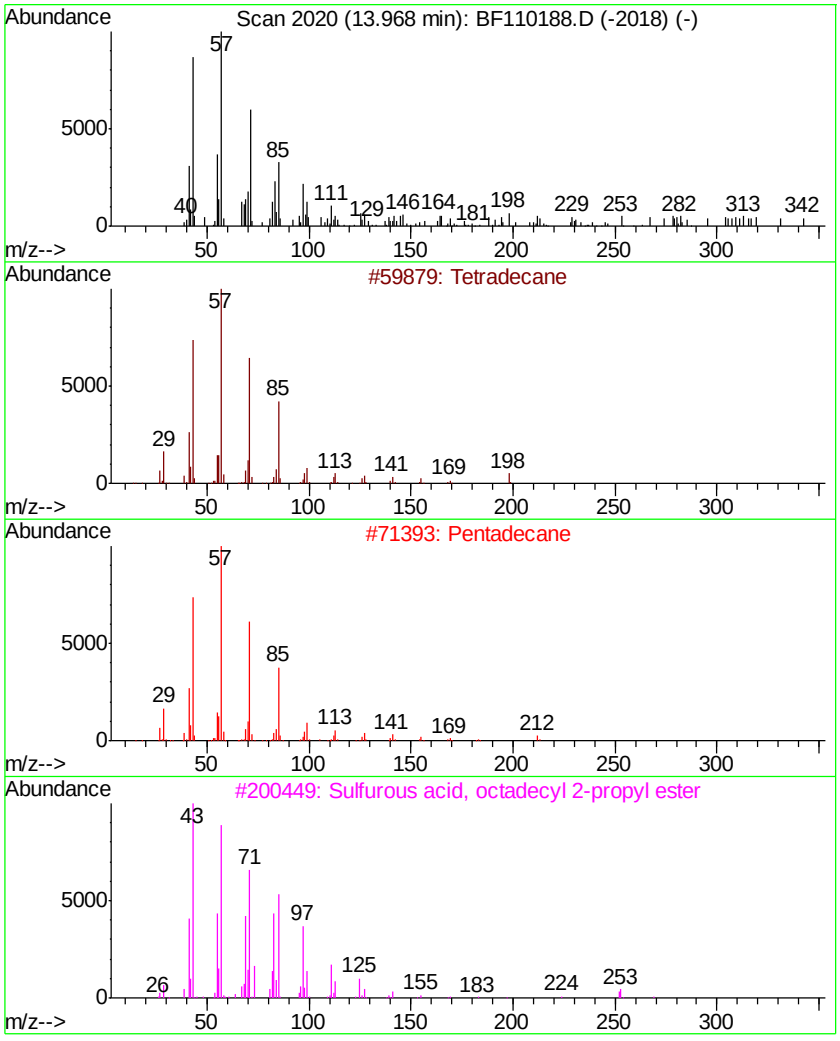
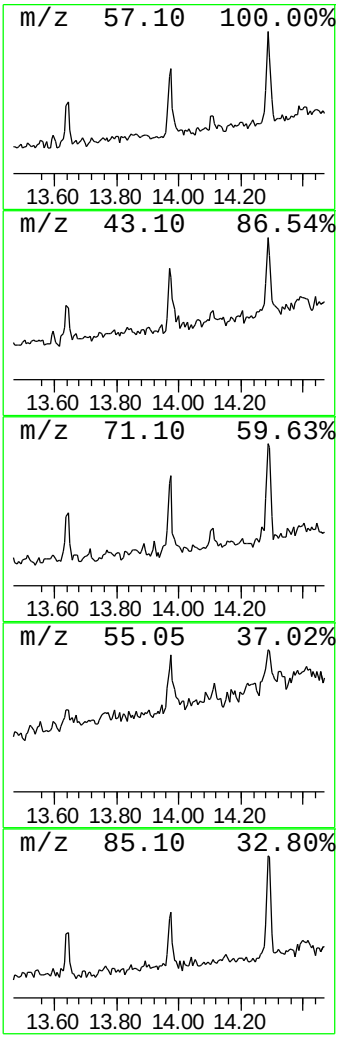
****

Peak Number 5 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	2.53 ng	77960	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Pentadecane	212	C15H32	000629-62-9	64
3	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	58
4	Eicosane	282	C20H42	000112-95-8	55
5	Undecane	156	C11H24	001120-21-4	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
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Operator : JU/SJ
Sample : J5621-04
Misc :
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Instrument : BNA_F
ClientSampleId : SA-SED-02

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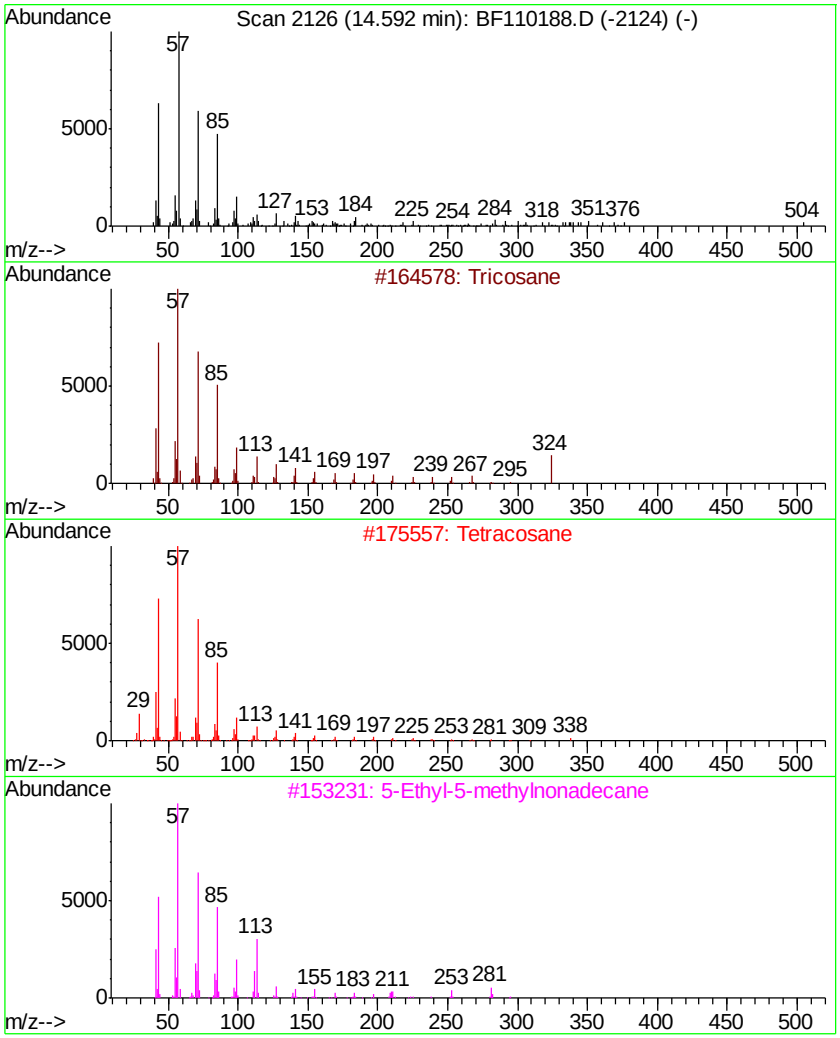
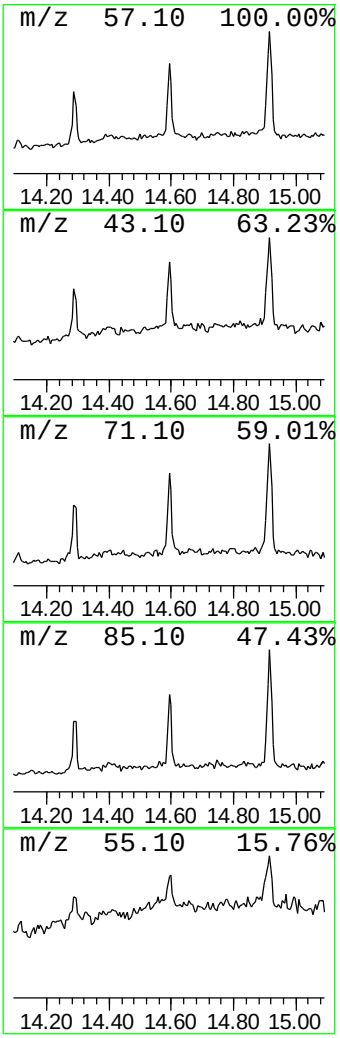
****

Peak Number 6 Tricosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	2.92 ng	89903	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	91
2	Tetracosane	338	C24H50	000646-31-1	87
3	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	83
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
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Sample : J5621-04
Misc :
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Instrument : BNA_F
ClientSampleId : SA-SED-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

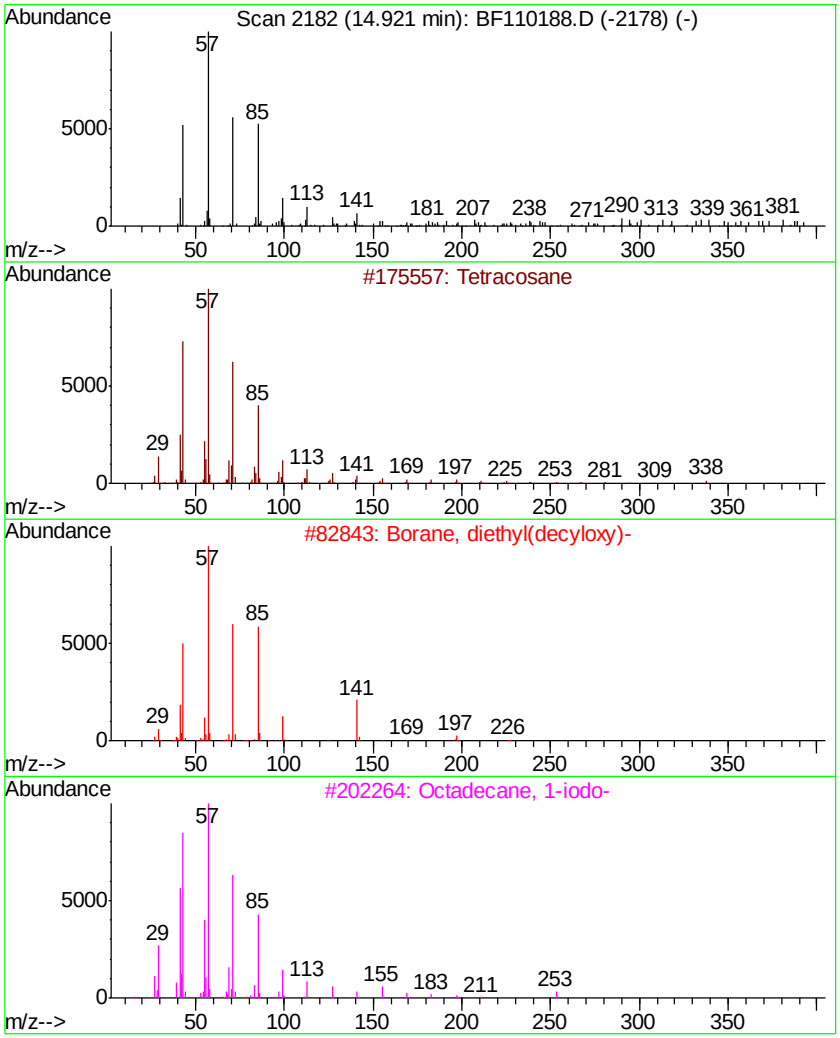
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

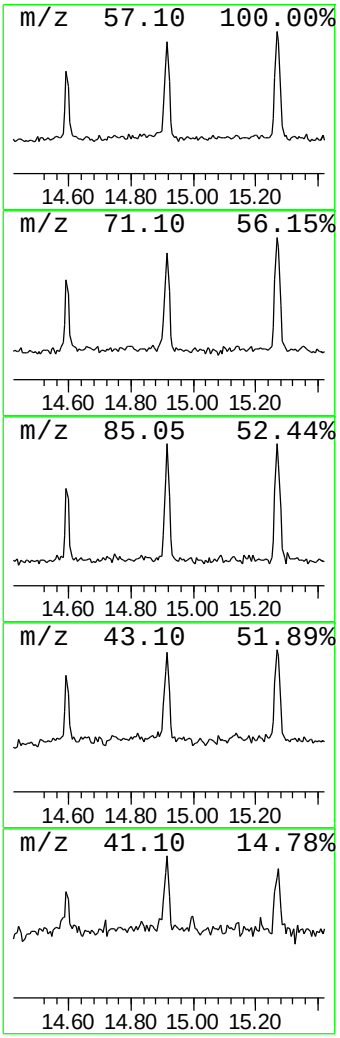
****

Peak Number 7 Borane, diethyl(decyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	4.83 ng	143971	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	89
2	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	81
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	68
4	Octadecane	254	C18H38	000593-45-3	64
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	59





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Misc :
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Instrument : BNA_F
ClientSampleId : SA-SED-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

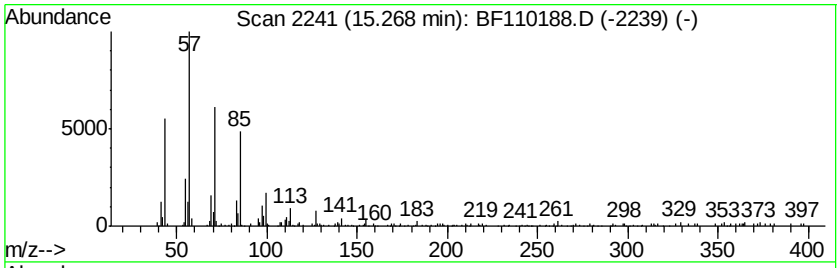
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

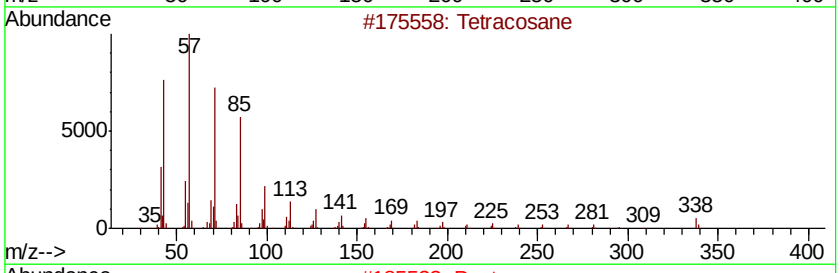
****

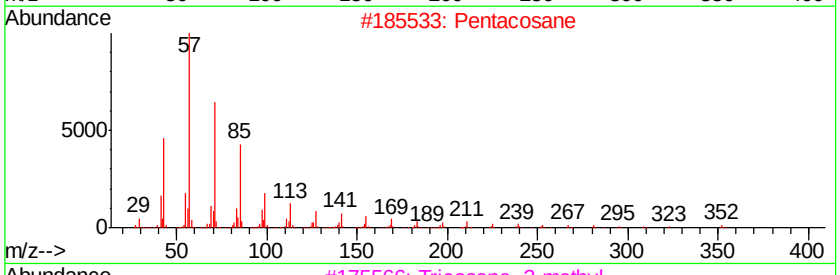
Peak Number 8 Tetracosane Concentration Rank 4

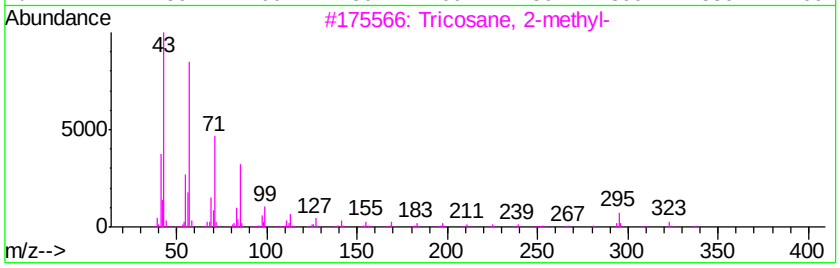
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	5.24 ng	156087	Perylene-d12	15.68

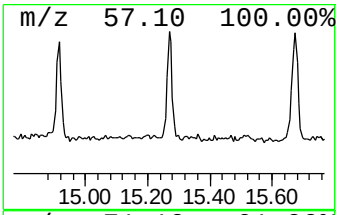
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Pentacosane	352	C25H52	000629-99-2	93
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexacosane	366	C26H54	000630-01-3	87

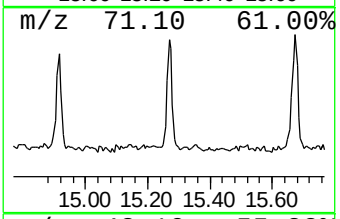


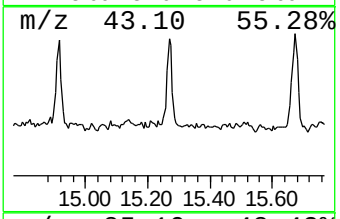


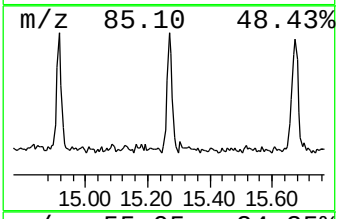


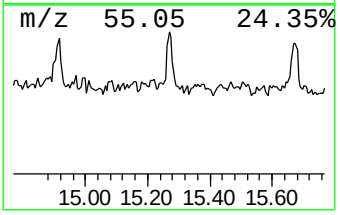












Tentatively Identified Compound (LSC) summary

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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
Butane, 2-methoxy...	2.30	14.3	ng	504323	1	6.97	705310	20.0
2-Pentanone, 4-hy...	5.20	3.1	ng	107772	1	6.97	705310	20.0
unknown6.74	6.74	67.6	ng	2383050	1	6.97	705310	20.0
Tetradecane	13.97	2.5	ng	77960	5	14.15	616531	20.0
Tricosane	14.59	2.9	ng	89903	5	14.15	616531	20.0
Borane, diethyl(d...	14.92	4.8	ng	143971	6	15.68	595895	20.0
Tetracosane	15.27	5.2	ng	156087	6	15.68	595895	20.0