LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110732.D
Acq On : 13 Nov 2018 21:16
Operator : JU/SJ
Sample : J5908-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-4-S

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-BF110818.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	2.240	22	26	33	rVB	54942	77987	7.21%	0.678%
2	5.169	521	524	535	rBV	28242	41823	3.86%	0.364%
3	5.557	587	590	608	rBV	894195	972909	89.90%	8.457%
4	6.563	758	761	782	rBV	980298	1074012	99.24%	9.335%
5	6.710	782	786	801	rVB	1257686	1068820	98.76%	9.290%
6	6.945	822	826	832	rBV	563536	532455	49.20%	4.628%
7	7.098	848	852	868	rBV	921240	809705	74.82%	7.038%
8	7.504	918	921	943	rBV	574527	647088	59.79%	5.624%
9	8.228	1040	1044	1059	rBV	626513	688926	63.66%	5.988%
10	9.298	1222	1226	1235	rBV	1193240	1082239	100.00%	9.407%
11	9.692	1288	1293	1304	rBV	73432	76834	7.10%	0.668%
12	9.986	1339	1343	1353	rVB	643896	662386	61.21%	5.757%
13	10.774	1474	1477	1490	rBV	470515	506710	46.82%	4.404%
14	11.480	1593	1597	1608	rBV	541700	551677	50.98%	4.795%
15	11.980	1679	1682	1687	rBV	35180	39554	3.65%	0.344%
16	12.698	1801	1804	1811	rVB	53319	46144	4.26%	0.401%
17	12.768	1813	1816	1821	rVV4	12082	13063	1.21%	0.114%
18	12.933	1837	1844	1850	rBV	47203	60664	5.61%	0.527%
19	13.057	1861	1865	1870	rBV	901472	742933	68.65%	6.458%
20	13.610	1955	1959	1961	rBV4	11041	13269	1.23%	0.115%
21	13.939	2011	2015	2019	rBV2	40837	52323	4.83%	0.455%
22	14.127	2042	2047	2050	rBV	562534	559106	51.66%	4.860%
23	14.251	2063	2068	2071	rBV3	29804	36536	3.38%	0.318%
24	14.557	2117	2120	2125	rBV	53707	57359	5.30%	0.499%
25	14.874	2171	2174	2177	rVB	62451	64408	5.95%	0.560%
26	15.221	2227	2233	2240	rVB3	94573	160870	14.86%	1.398%
27	15.521	2282	2284	2289	rBV	15997	18073	1.67%	0.157%
28	15.615	2297	2300	2303	rBV	68291	82010	7.58%	0.713%
29	15.656	2303	2307	2318	rVB	291432	429635	39.70%	3.734%
30	16.074	2373	2378	2383	rVB	86529	132956	12.29%	1.156%
31	16.598	2463	2467	2473	rVB	53955	93134	8.61%	0.810%
32	17.221	2567	2573	2581	rVB6	27504	68317	6.31%	0.594%
33	17.403	2602	2604	2607	rBV3	11695	16068	1.48%	0.140%
34	17.492	2617	2619	2627	rVB7	13871	24859	2.30%	0.216%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110732.D
Acq On : 13 Nov 2018 21:16
Operator : JU/SJ
Sample : J5908-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SR-4-S

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-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 11504852

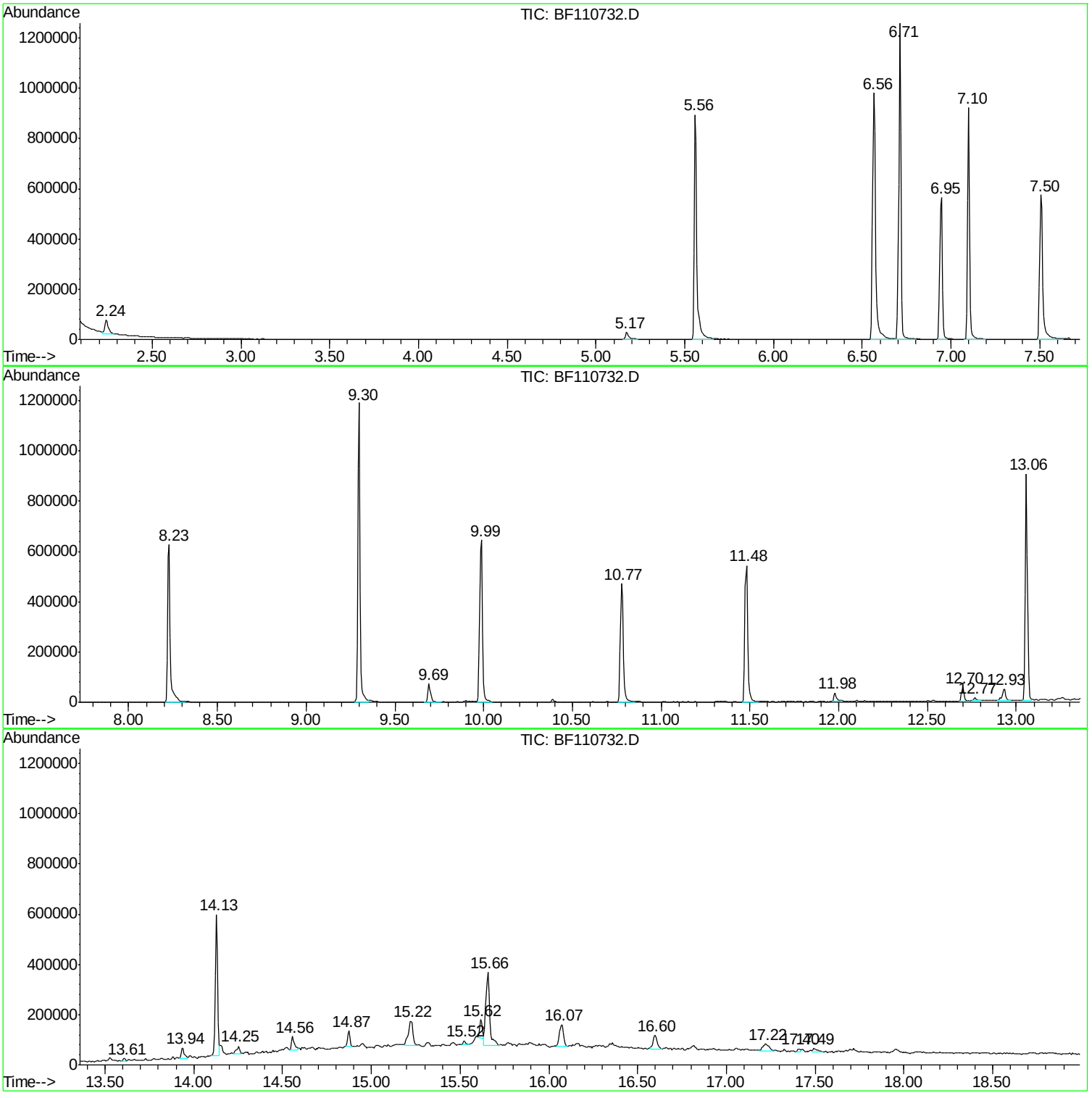
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110732.D
Acq On : 13 Nov 2018 21:16
Operator : JU/SJ
Sample : J5908-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-4-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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\BF111318\
Data File : BF110732.D
Acq On : 13 Nov 2018 21:16
Operator : JU/SJ
Sample : J5908-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-4-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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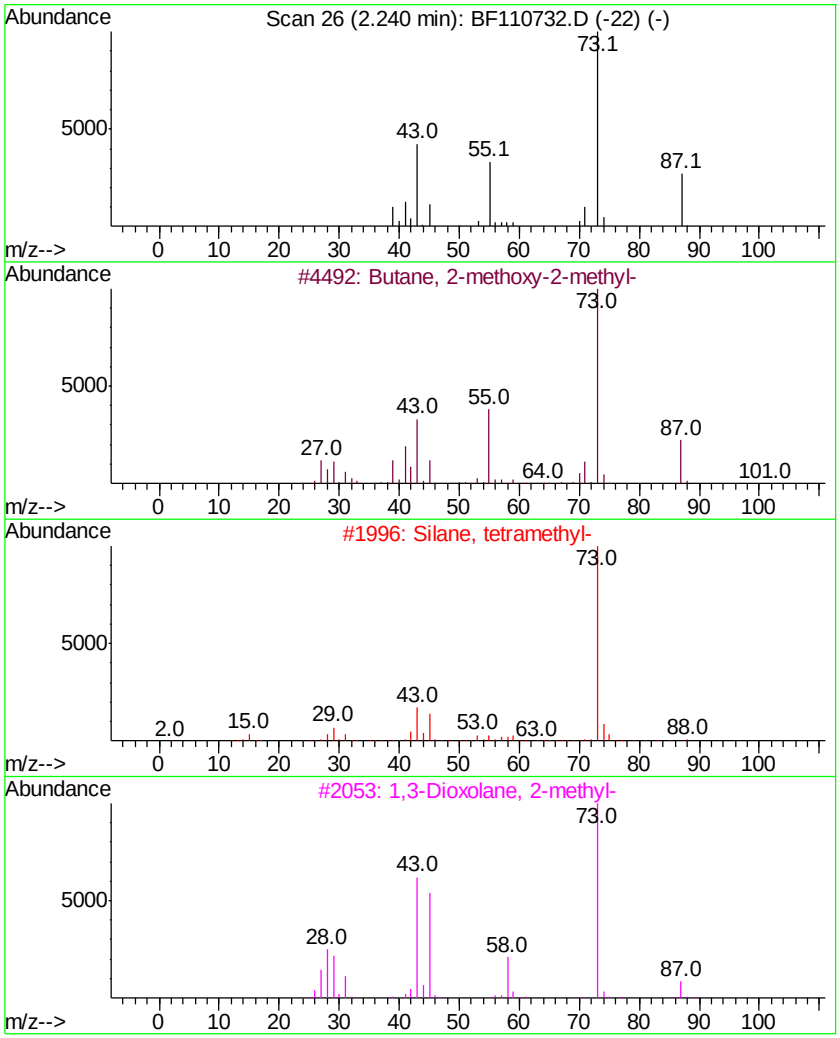
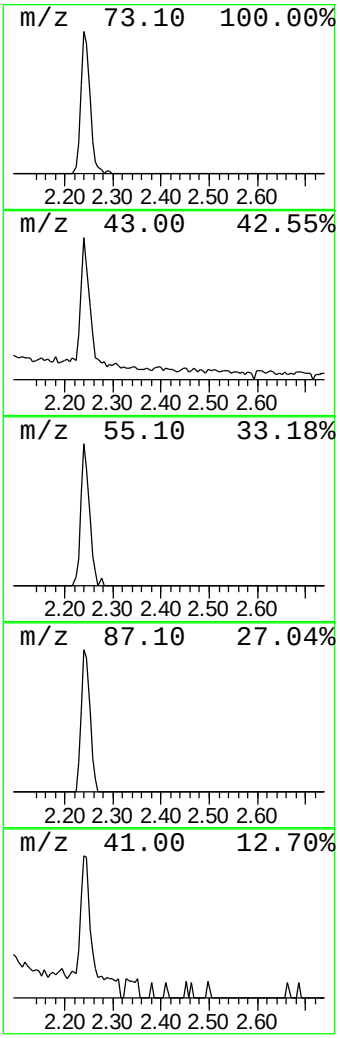
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.24	2.93 ng	77987	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	27
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110732.D
Acq On : 13 Nov 2018 21:16
Operator : JU/SJ
Sample : J5908-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-4-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

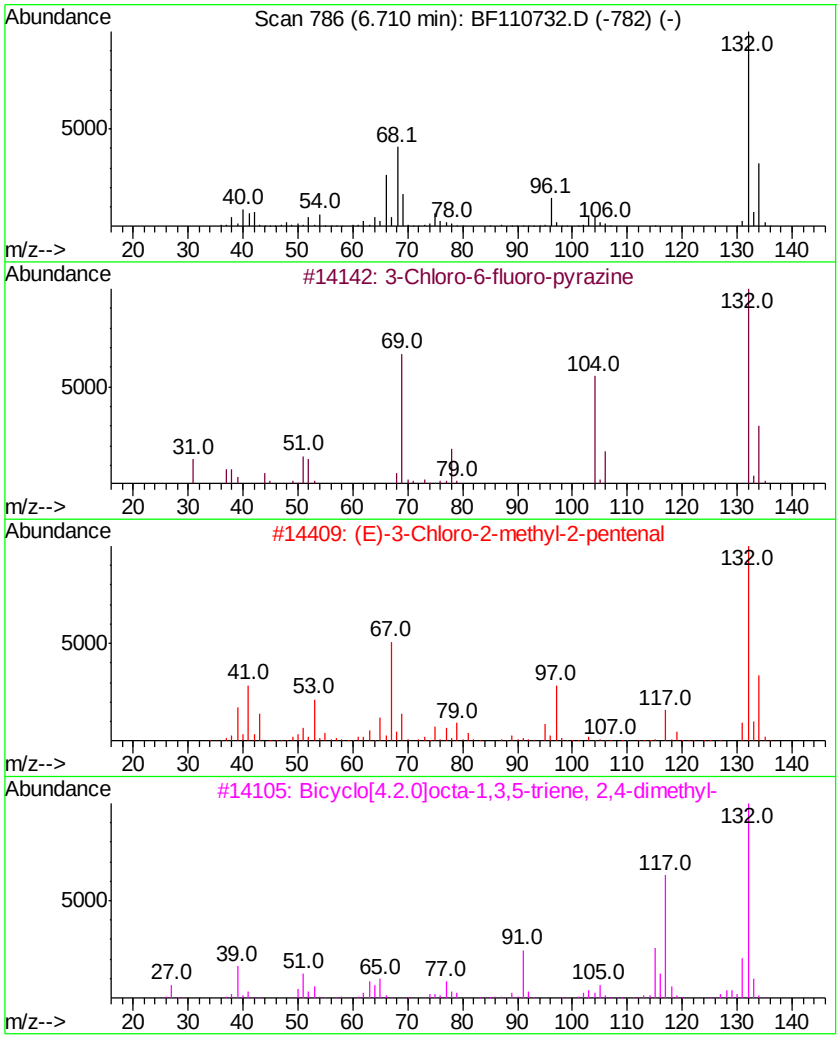
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

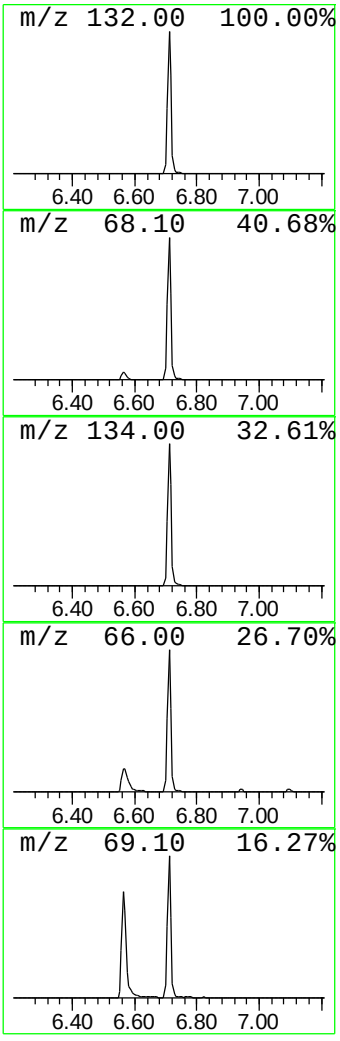
****

Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	40.15 ng	1068820	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110732.D
Acq On : 13 Nov 2018 21:16
Operator : JU/SJ
Sample : J5908-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-4-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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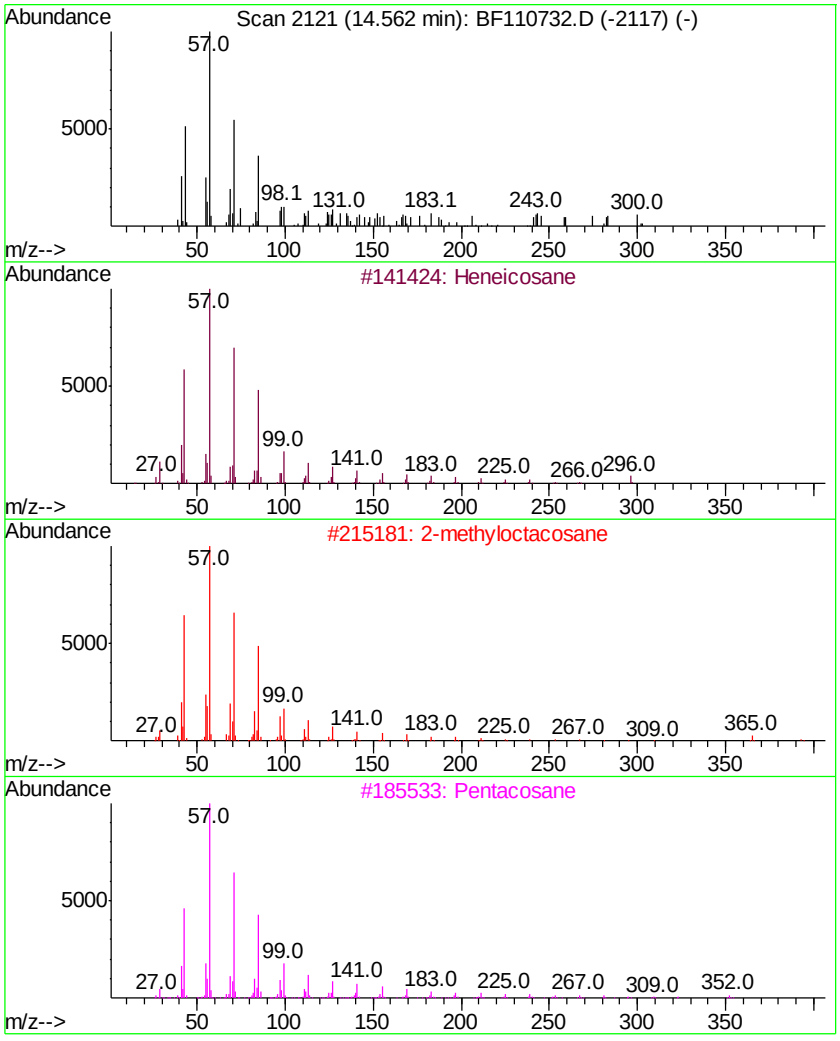
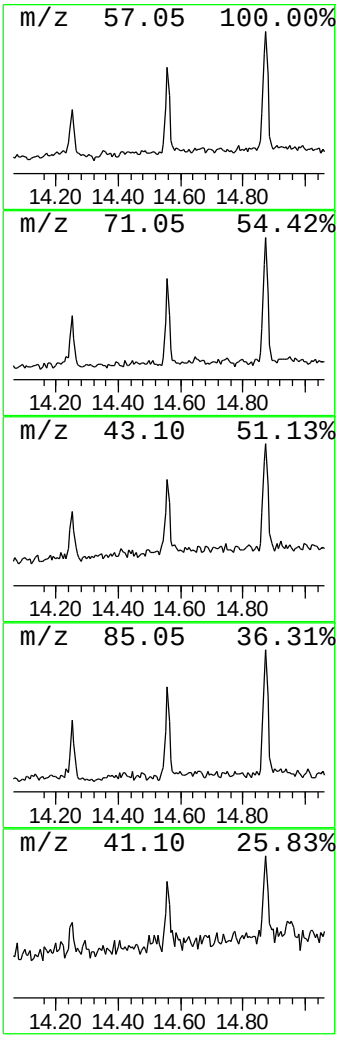
Peak Number 5 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	2.05 ng	57359	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	58
2	2-methyloctacosane	408	C29H60	1000376-72-8	58
3	Pentacosane	352	C25H52	000629-99-2	58
4	Hexadecane	226	C16H34	000544-76-3	58
5	Octacosane	394	C28H58	000630-02-4	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110732.D
Acq On : 13 Nov 2018 21:16
Operator : JU/SJ
Sample : J5908-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-4-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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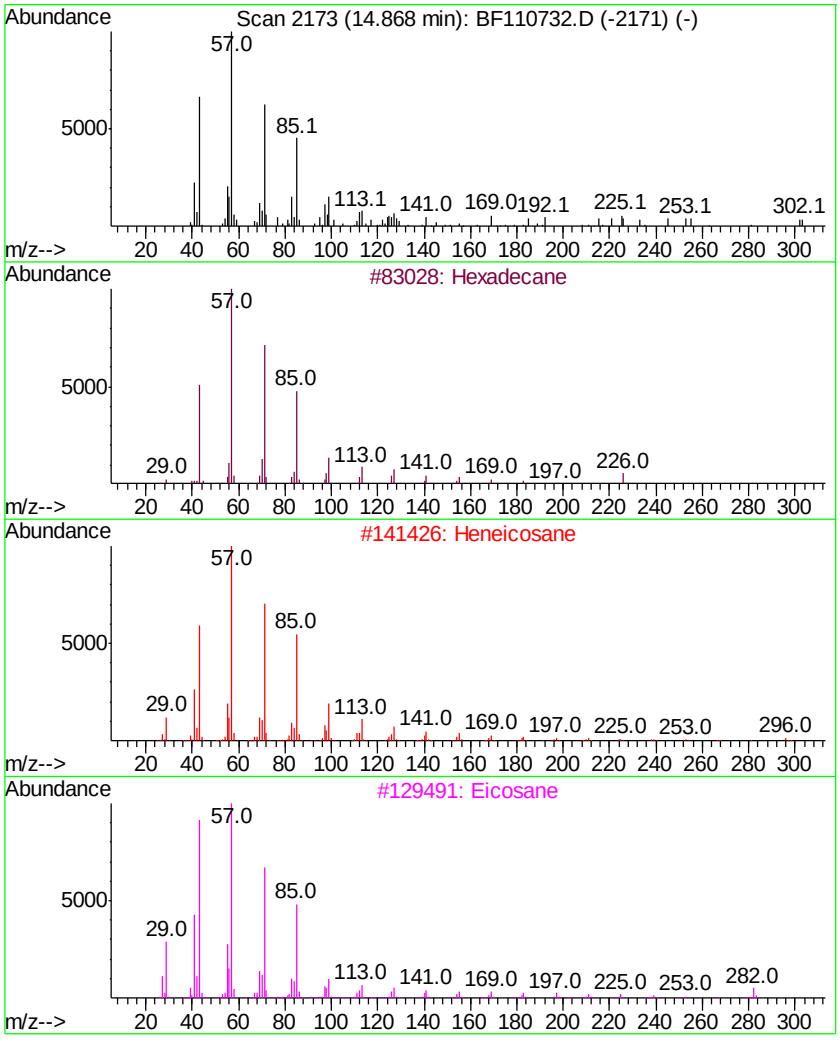
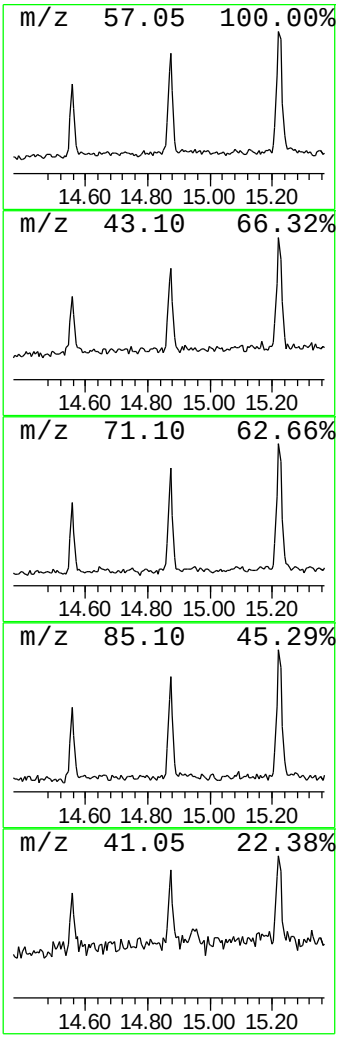
Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.30 ng	64408	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heneicosane	296	C21H44	000629-94-7	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Nonadecane	268	C19H40	000629-92-5	80
5	Heptadecane	240	C17H36	000629-78-7	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110732.D
Acq On : 13 Nov 2018 21:16
Operator : JU/SJ
Sample : J5908-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-4-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

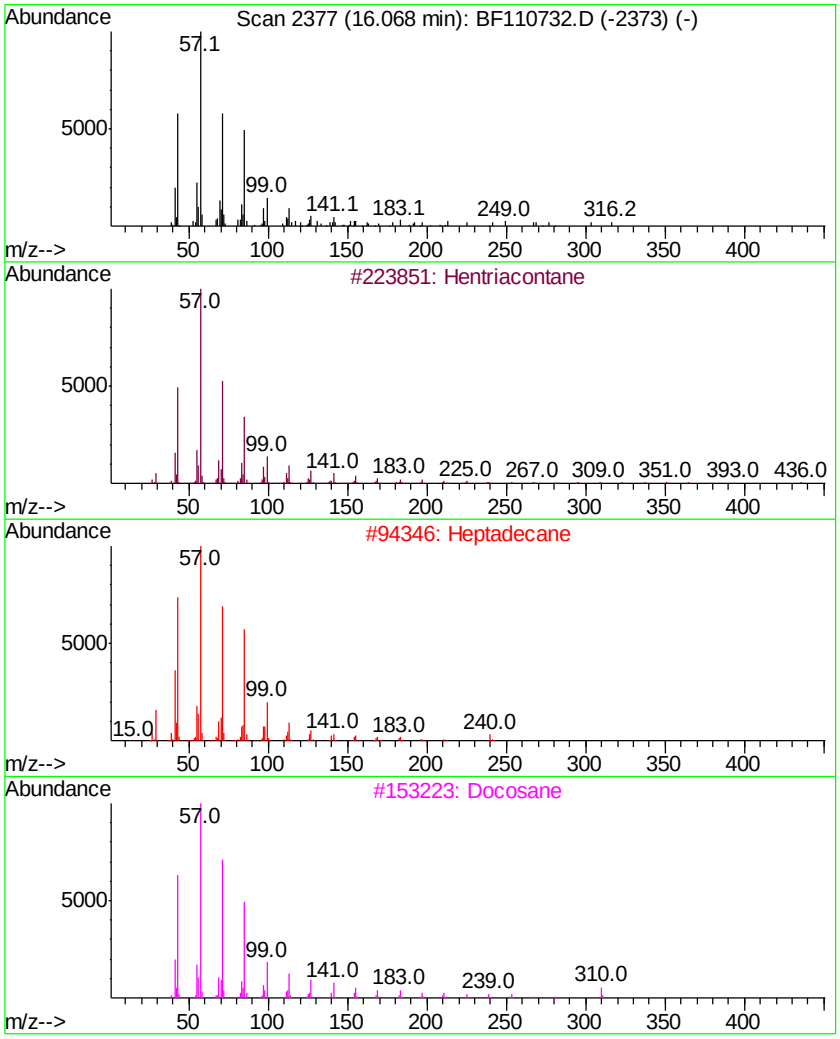
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

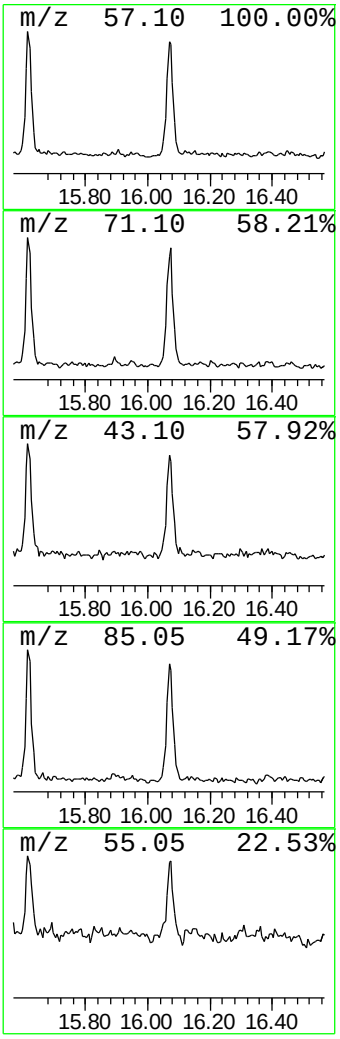
****

Peak Number 7 Hentriacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	6.19 ng	132956	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	87
2	Heptadecane	240	C17H36	000629-78-7	87
3	Docosane	310	C22H46	000629-97-0	87
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	86
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111318\
Data File : BF110732.D
Acq On : 13 Nov 2018 21:16
Operator : JU/SJ
Sample : J5908-11 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SR-4-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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...	2.24	2.9	ng	77987	1	6.95	532455	20.0
unknown6.71	6.71	40.1	ng	1068820	1	6.95	532455	20.0
Heneicosane	14.56	2.0	ng	57359	5	14.13	559106	20.0
Hexadecane	14.87	2.3	ng	64408	5	14.13	559106	20.0
Hentriacontane	16.07	6.2	ng	132956	6	15.66	429635	20.0