LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115514.D
Acq On : 12 Jul 2019 00:14
Operator : HP/JU
Sample : K3621-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-071019-B

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-BF070519.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	2.140	4	9	16	rVB	165928	212314	19.98%	2.417%
2	3.969	315	320	329	rVB	235034	307165	28.90%	3.497%
3	5.504	577	581	594	rBV	250721	251678	23.68%	2.865%
4	6.510	748	752	766	rBV	304293	285541	26.87%	3.251%
5	6.657	774	777	784	rBV	366551	302464	28.46%	3.443%
6	6.892	814	817	821	rBV	880705	747143	70.31%	8.505%
7	7.051	840	844	852	rBV	313197	250285	23.55%	2.849%
8	7.445	908	911	918	rBV	185512	165067	15.53%	1.879%
9	8.175	1032	1035	1039	rBV	1086437	959391	90.28%	10.921%
10	9.251	1214	1218	1230	rBV	435659	373468	35.14%	4.251%
11	9.639	1282	1284	1290	rBV	44168	47706	4.49%	0.543%
12	9.933	1330	1334	1348	rVB	1237702	1062715	100.00%	12.098%
13	10.716	1463	1467	1478	rBV	172092	167388	15.75%	1.905%
14	10.857	1489	1491	1498	rVB2	14221	14863	1.40%	0.169%
15	11.416	1582	1586	1590	rBV	1104696	997659	93.88%	11.357%
16	11.939	1670	1675	1679	rBV5	27772	37592	3.54%	0.428%
17	12.027	1686	1690	1693	rBV6	10654	17207	1.62%	0.196%
18	12.404	1750	1754	1756	rBV5	12102	17211	1.62%	0.196%
19	12.468	1762	1765	1768	rBV2	14304	16932	1.59%	0.193%
20	12.516	1768	1773	1777	rVB4	27279	47960	4.51%	0.546%
21	12.598	1783	1787	1790	rBV6	9257	16502	1.55%	0.188%
22	12.627	1790	1792	1794	rVV	19975	17539	1.65%	0.200%
23	12.727	1806	1809	1814	rBV6	17504	30975	2.91%	0.353%
24	12.857	1829	1831	1833	rBV	23333	21138	1.99%	0.241%
25	12.880	1833	1835	1839	rVB	24697	21921	2.06%	0.250%
26	12.998	1852	1855	1864	rVB	433522	380454	35.80%	4.331%
27	13.580	1952	1954	1956	rBV	37349	32034	3.01%	0.365%
28	14.057	2031	2035	2039	rBV	1049105	924564	87.00%	10.525%
29	14.221	2061	2063	2070	rVB2	74469	81489	7.67%	0.928%
30	14.527	2113	2115	2118	rBV	89853	85384	8.03%	0.972%
31	14.839	2166	2168	2172	rVB	118317	107891	10.15%	1.228%
32	15.186	2225	2227	2232	rVB	139798	136748	12.87%	1.557%
33	15.533	2283	2286	2290	rBV	528733	646082	60.80%	7.355%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115514.D
Acq On : 12 Jul 2019 00:14
Operator : HP/JU
Sample : K3621-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-071019-B

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-BF070519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

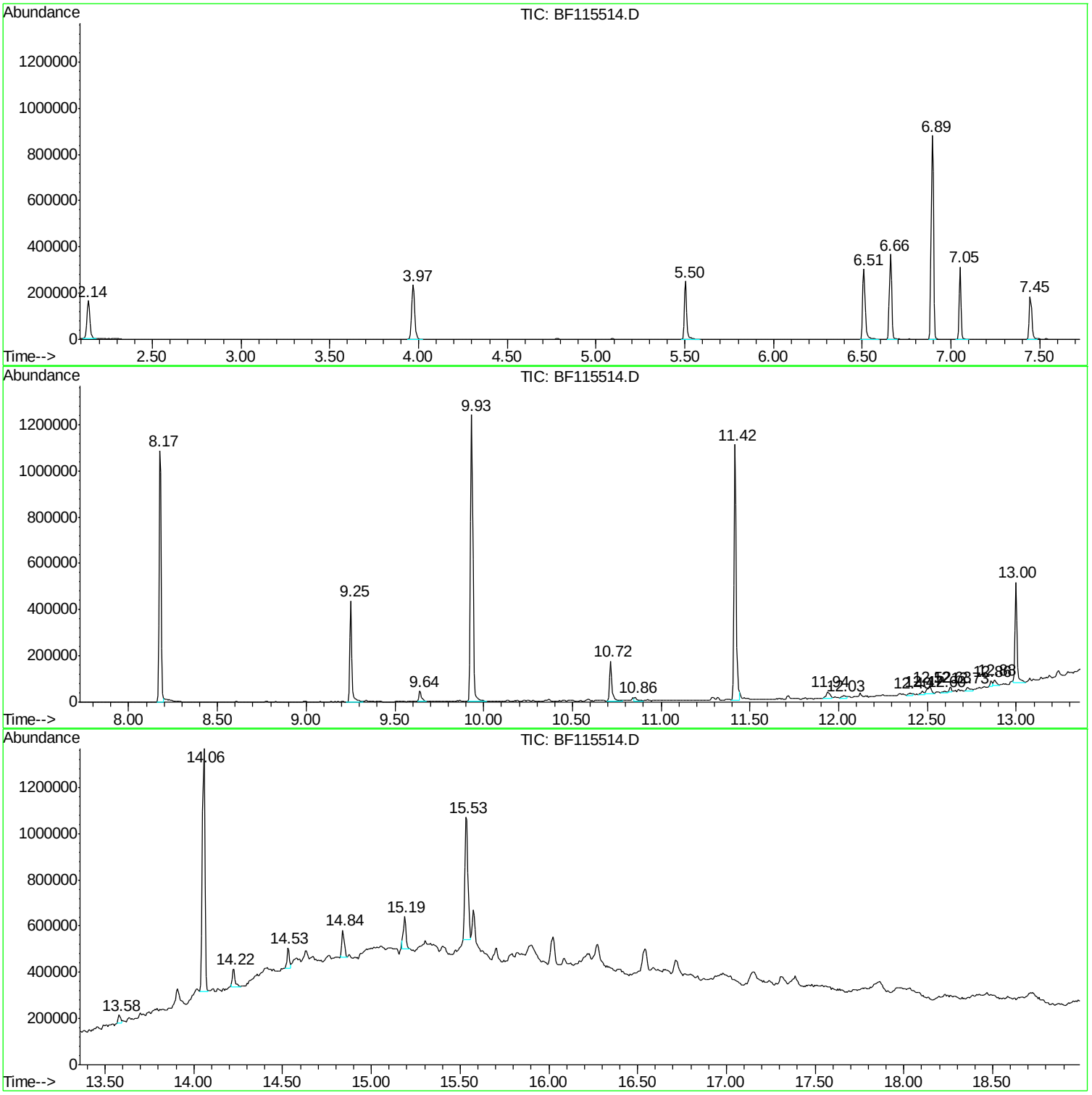
Sum of corrected areas: 8784470

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115514.D
Acq On : 12 Jul 2019 00:14
Operator : HP/JU
Sample : K3621-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-071019-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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\BF071119\
Data File : BF115514.D
Acq On : 12 Jul 2019 00:14
Operator : HP/JU
Sample : K3621-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-071019-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

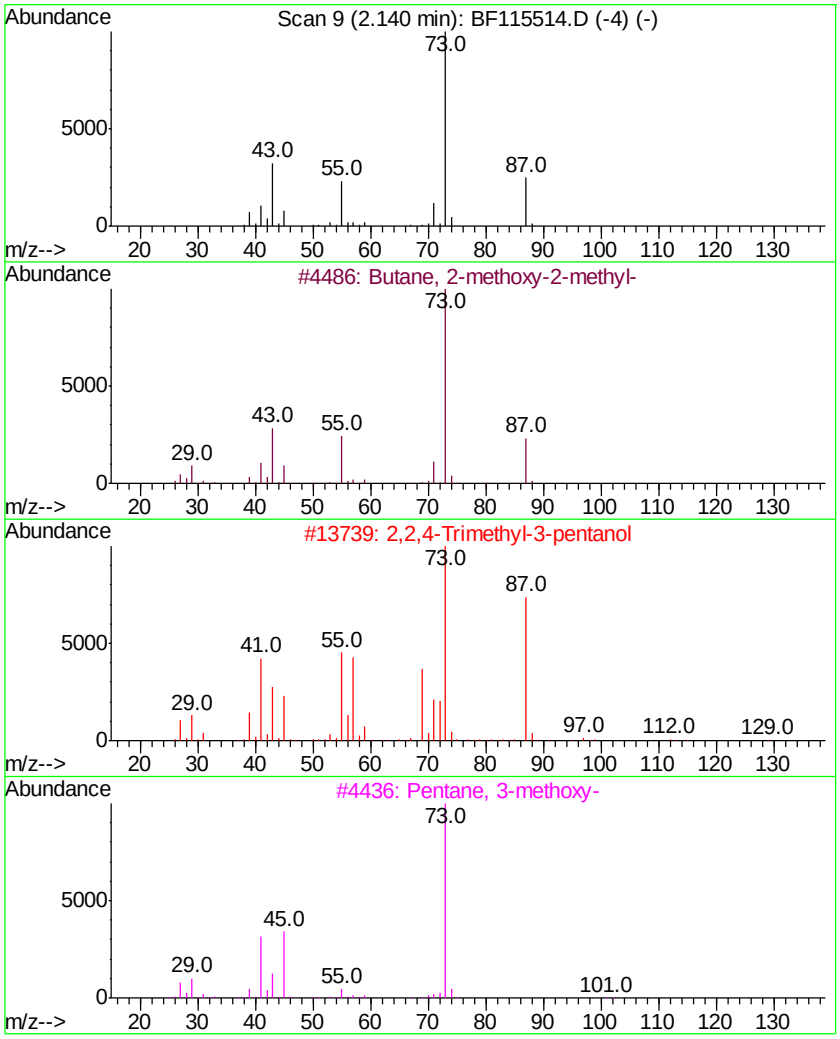
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

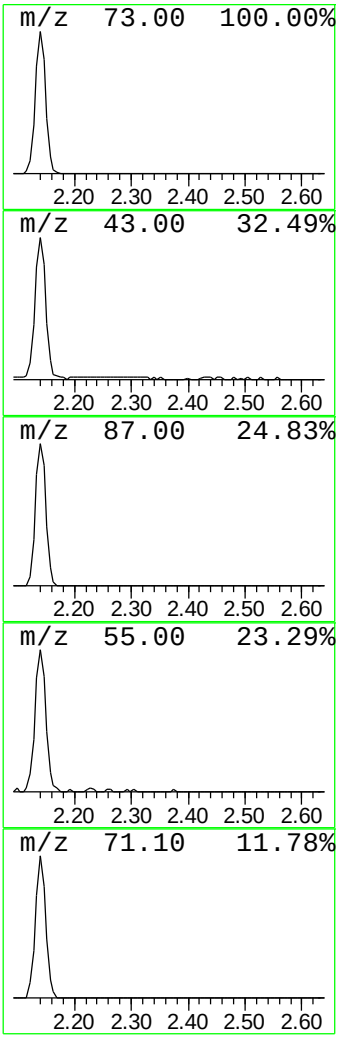
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	5.68 ng	212314	1,4-Dichlorobenzene-d4	6.89

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	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115514.D
Acq On : 12 Jul 2019 00:14
Operator : HP/JU
Sample : K3621-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-071019-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

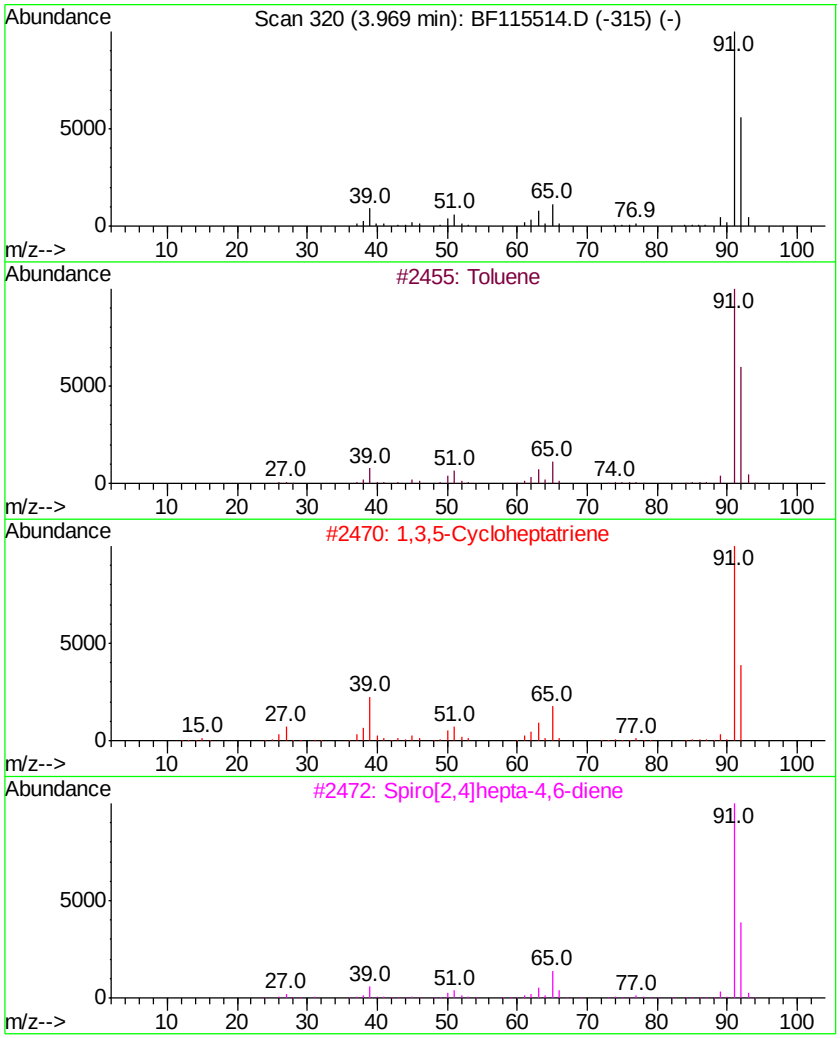
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

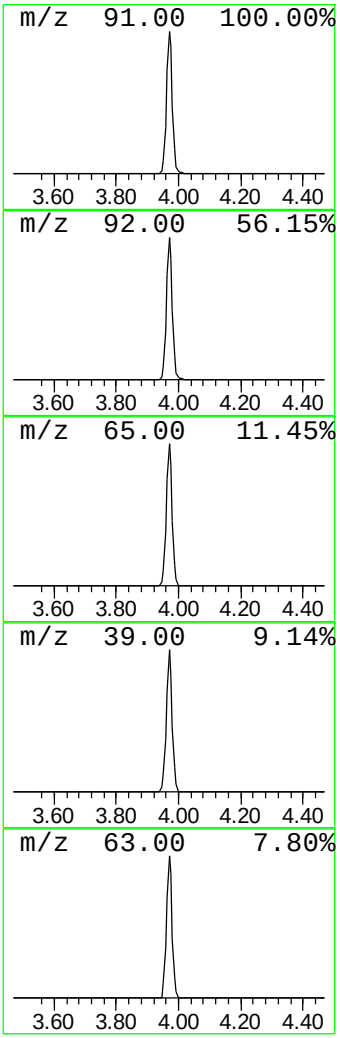
****

Peak Number 2 1,3,5-Cycloheptatriene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.97	8.22 ng	307165	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
3	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	81
4	Tetracyclo[3.2.0.0(2,7).0(4,6)]h...	92	C7H8	000278-06-8	72
5	Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115514.D
Acq On : 12 Jul 2019 00:14
Operator : HP/JU
Sample : K3621-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-071019-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

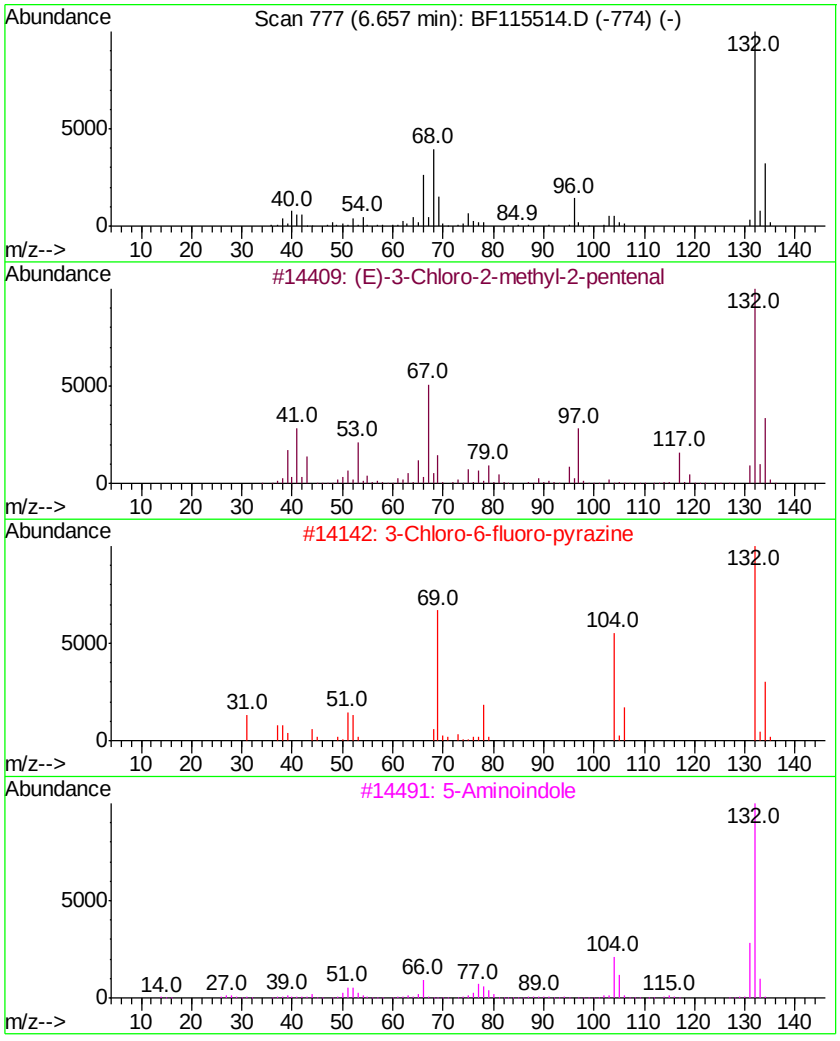
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

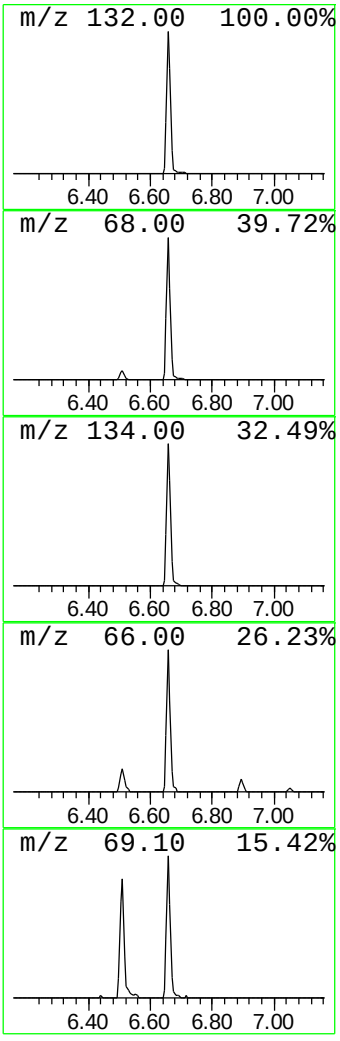
****

Peak Number 3 unknown6.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	8.10 ng	302464	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115514.D
Acq On : 12 Jul 2019 00:14
Operator : HP/JU
Sample : K3621-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-071019-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

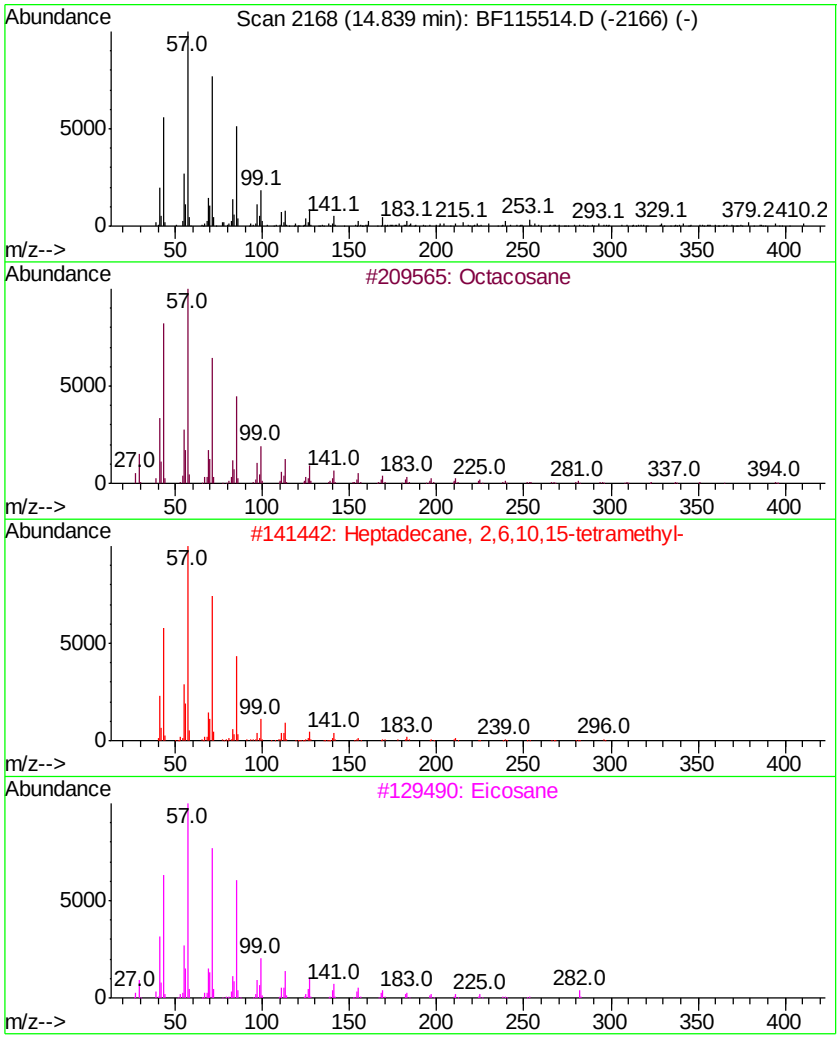
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

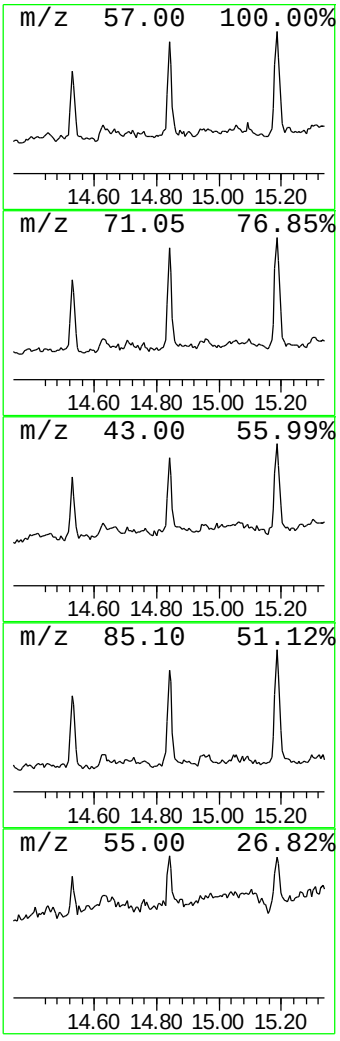
****

Peak Number 5 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	3.34 ng	107891	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	94
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	Eicosane	282	C20H42	000112-95-8	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Tetracosane	338	C24H50	000646-31-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115514.D
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Operator : HP/JU
Sample : K3621-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-071019-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

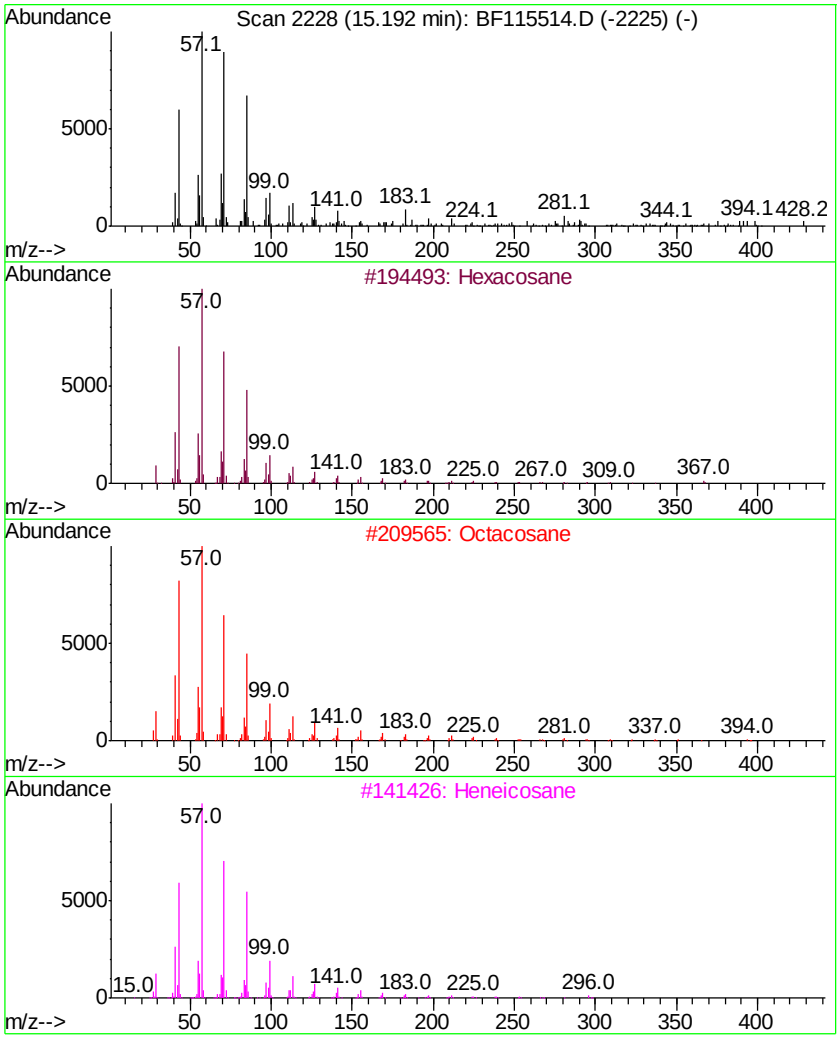
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

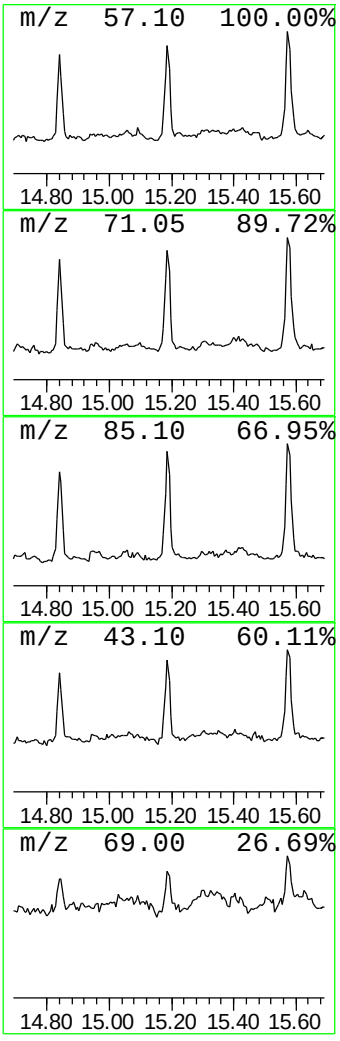
****

Peak Number 6 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	4.23 ng	136748	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Octacosane	394	C28H58	000630-02-4	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071119\
Data File : BF115514.D
Acq On : 12 Jul 2019 00:14
Operator : HP/JU
Sample : K3621-03 5X
Misc :
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Instrument : BNA_F
ClientSampleId : OK-03-071019-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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...	2.14	5.7	ng	212314	1	6.89	747143	20.0
1,3,5-Cycloheptat...	3.97	8.2	ng	307165	1	6.89	747143	20.0
unknown6.66	6.66	8.1	ng	302464	1	6.89	747143	20.0
Octacosane	14.84	3.3	ng	107891	6	15.54	646082	20.0
Hexacosane	15.19	4.2	ng	136748	6	15.54	646082	20.0