LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116500.D
Acq On : 24 Aug 2019 1:49
Operator : HP/JU
Sample : K4090-13 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-082219

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-BF082319.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	2.158	8	12	29	rVB	336838	529437	69.03%	5.955%
2	4.763	450	455	462	rVB3	29453	80247	10.46%	0.903%
3	5.498	576	580	590	rVB	323615	302882	39.49%	3.407%
4	6.498	747	750	753	rBV	386781	326465	42.56%	3.672%
5	6.522	753	754	759	rVB	68851	47564	6.20%	0.535%
6	6.651	772	776	784	rVB	377874	330528	43.09%	3.718%
7	6.887	812	816	819	rBV	678071	573614	74.78%	6.452%
8	7.040	838	842	846	rVB	391254	299076	38.99%	3.364%
9	7.434	906	909	913	rVB	212046	163657	21.34%	1.841%
10	8.163	1029	1033	1037	rBV	840876	691841	90.20%	7.782%
11	8.986	1168	1173	1177	rBV4	8535	13711	1.79%	0.154%
12	9.234	1212	1215	1218	rBV	535286	400095	52.16%	4.500%
13	9.498	1257	1260	1265	rBV3	10231	14428	1.88%	0.162%
14	9.628	1279	1282	1287	rVB	60289	55712	7.26%	0.627%
15	9.775	1304	1307	1313	rBV	25817	26415	3.44%	0.297%
16	9.916	1327	1331	1334	rVB	908352	710838	92.68%	7.995%
17	10.116	1362	1365	1369	rVB3	15860	15275	1.99%	0.172%
18	10.463	1421	1424	1426	rBV2	19657	16519	2.15%	0.186%
19	10.698	1460	1464	1467	rBV	193212	170038	22.17%	1.913%
20	10.828	1483	1486	1492	rVB3	25349	36904	4.81%	0.415%
21	11.275	1559	1562	1563	rBV	19907	16443	2.14%	0.185%
22	11.298	1563	1566	1571	rVB2	19660	29824	3.89%	0.335%
23	11.363	1573	1577	1579	rBV5	8453	13613	1.77%	0.153%
24	11.398	1579	1583	1585	rBV	821130	691678	90.18%	7.780%
25	11.422	1585	1587	1590	rVV	156009	115866	15.11%	1.303%
26	11.469	1593	1595	1598	rVB	39896	36643	4.78%	0.412%
27	11.698	1631	1634	1637	rBV	28519	29002	3.78%	0.326%
28	11.792	1648	1650	1657	rVB2	87856	86646	11.30%	0.975%
29	11.898	1666	1668	1670	rBV	25764	22977	3.00%	0.258%
30	11.922	1670	1672	1676	rVB2	42716	42959	5.60%	0.483%
31	12.010	1684	1687	1689	rBV2	43206	38700	5.05%	0.435%
32	12.104	1701	1703	1706	rBV	30467	24592	3.21%	0.277%
33	12.133	1706	1708	1711	rBV4	16889	20341	2.65%	0.229%
34	12.375	1747	1749	1750	rBV	18798	14448	1.88%	0.163%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116500.D
Acq On : 24 Aug 2019 1:49
Operator : HP/JU
Sample : K4090-13 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-082219

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-BF082319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.451	1759	1762	1764	rBV	36673	37805	4.93%	0.425%
36	12.480	1764	1767	1768	rBV	320876	259512	33.83%	2.919%
37	12.498	1768	1770	1773	rVB	483885	419332	54.67%	4.717%
38	12.586	1782	1785	1786	rBV	60833	47694	6.22%	0.536%
39	12.610	1786	1789	1792	rVB	209545	175483	22.88%	1.974%
40	12.833	1825	1827	1830	rVB	174296	145830	19.01%	1.640%
41	12.980	1849	1852	1855	rBV	453637	402508	52.48%	4.527%
42	14.033	2027	2031	2033	rBV	793828	767022	100.00%	8.627%
43	14.057	2033	2035	2038	rVB	118795	85818	11.19%	0.965%
44	15.504	2277	2281	2284	rVB	453144	560718	73.10%	6.307%

Sum of corrected areas: 8890700

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116500.D
Acq On : 24 Aug 2019 1:49
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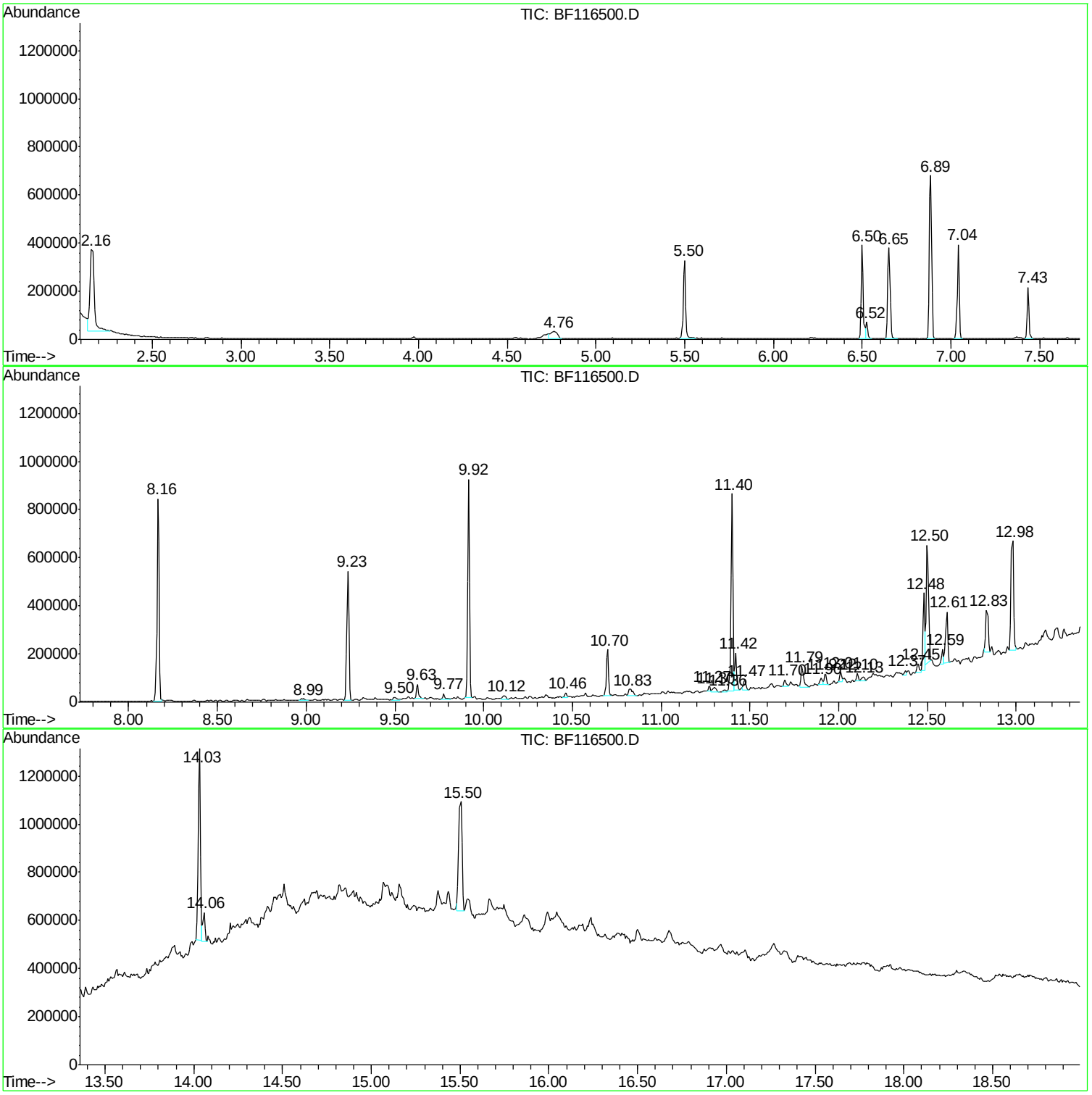
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-082219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.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\BF082319\
Data File : BF116500.D
Acq On : 24 Aug 2019 1:49
Operator : HP/JU
Sample : K4090-13 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-082219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

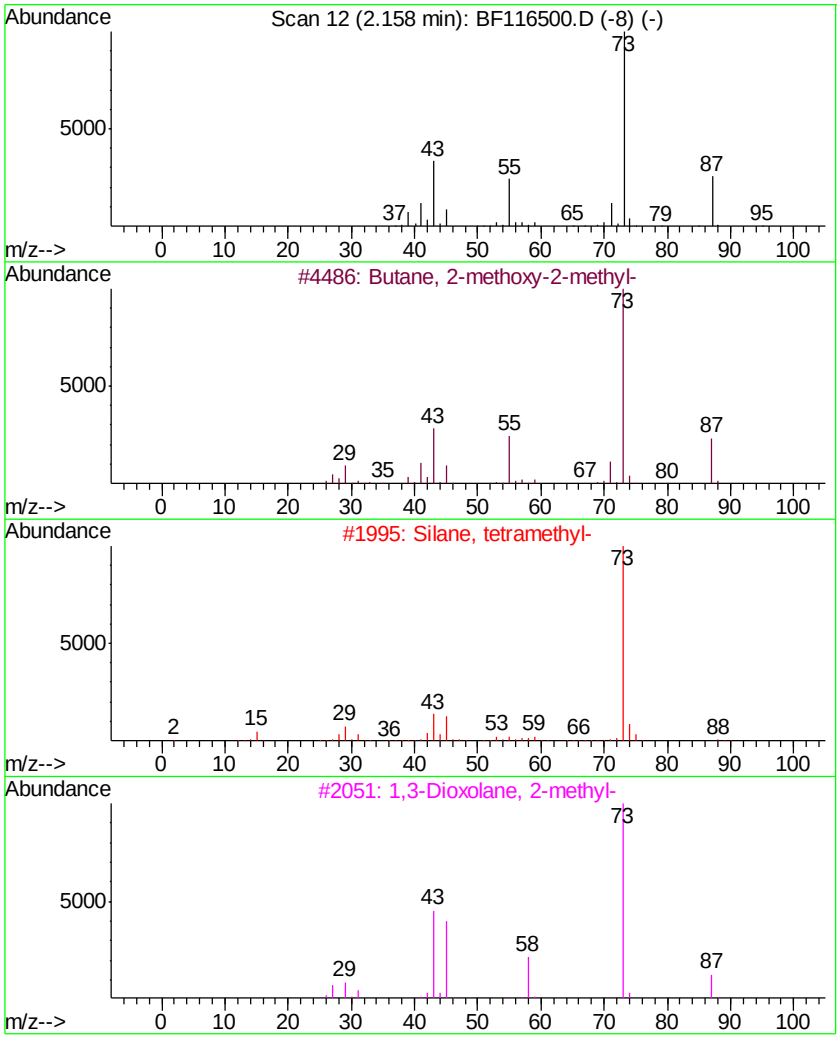
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

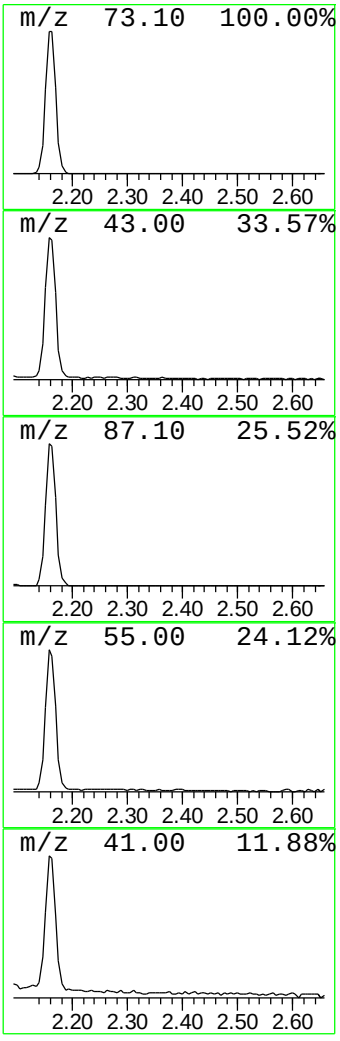
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	18.46 ng	529437	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	86
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116500.D
Acq On : 24 Aug 2019 1:49
Operator : HP/JU
Sample : K4090-13 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-082219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

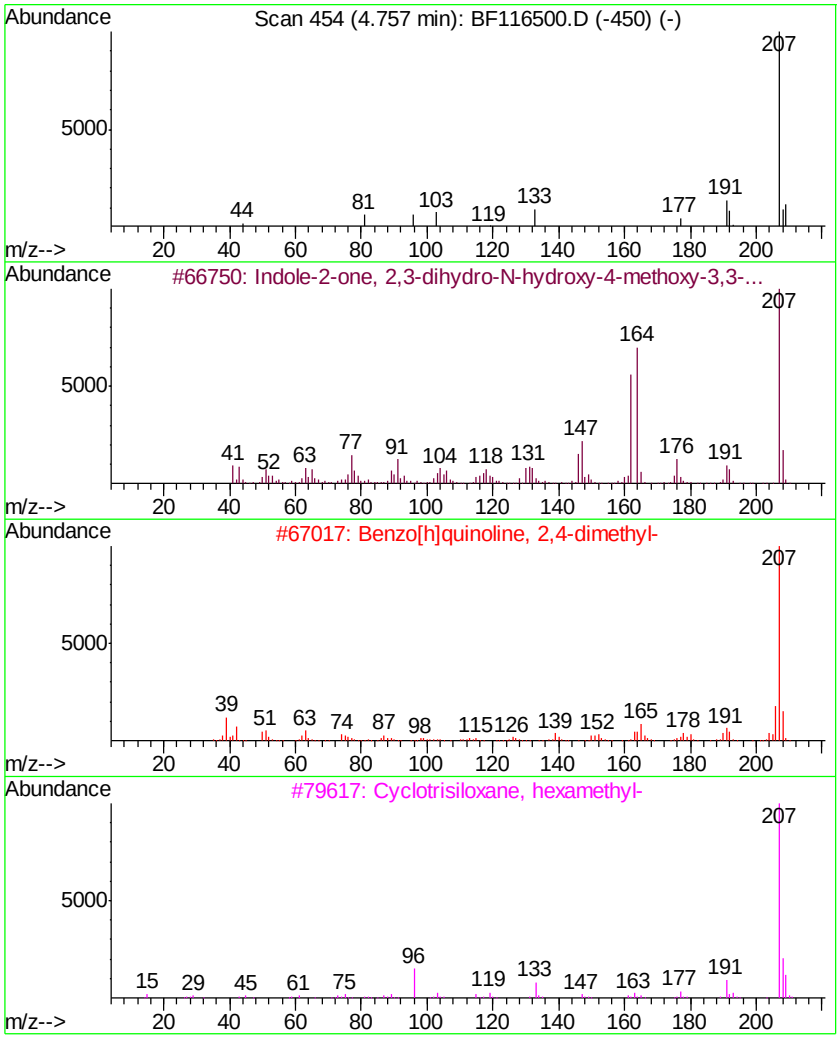
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

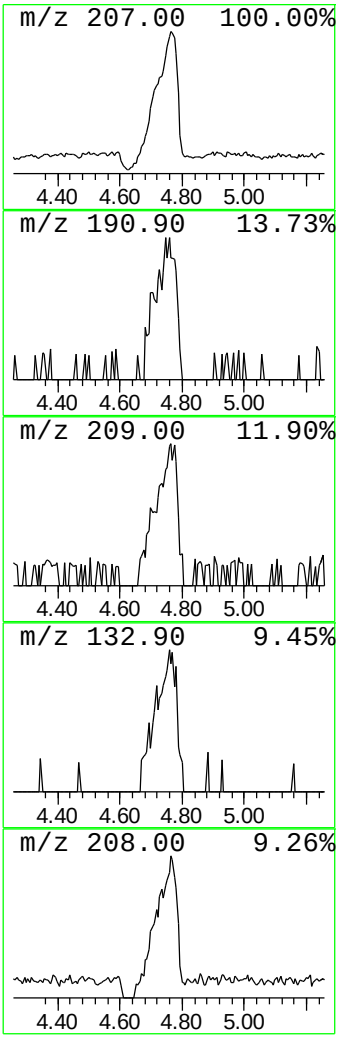
****

Peak Number 2 Indole-2-one, 2,3-dihydro-N... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	2.80 ng	80247	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indole-2-one, 2,3-dihydro-N-hydr...	207	C11H13NO3	1000129-52-1	64
2	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	64
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	47
4	1-Methyl-3-phenylindole	207	C15H13N	030020-98-5	45
5	1-(3,4-Methylenedioxyphenyl)-2-p...	207	C11H13NO3	1000121-45-7	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116500.D
Acq On : 24 Aug 2019 1:49
Operator : HP/JU
Sample : K4090-13 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-082219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

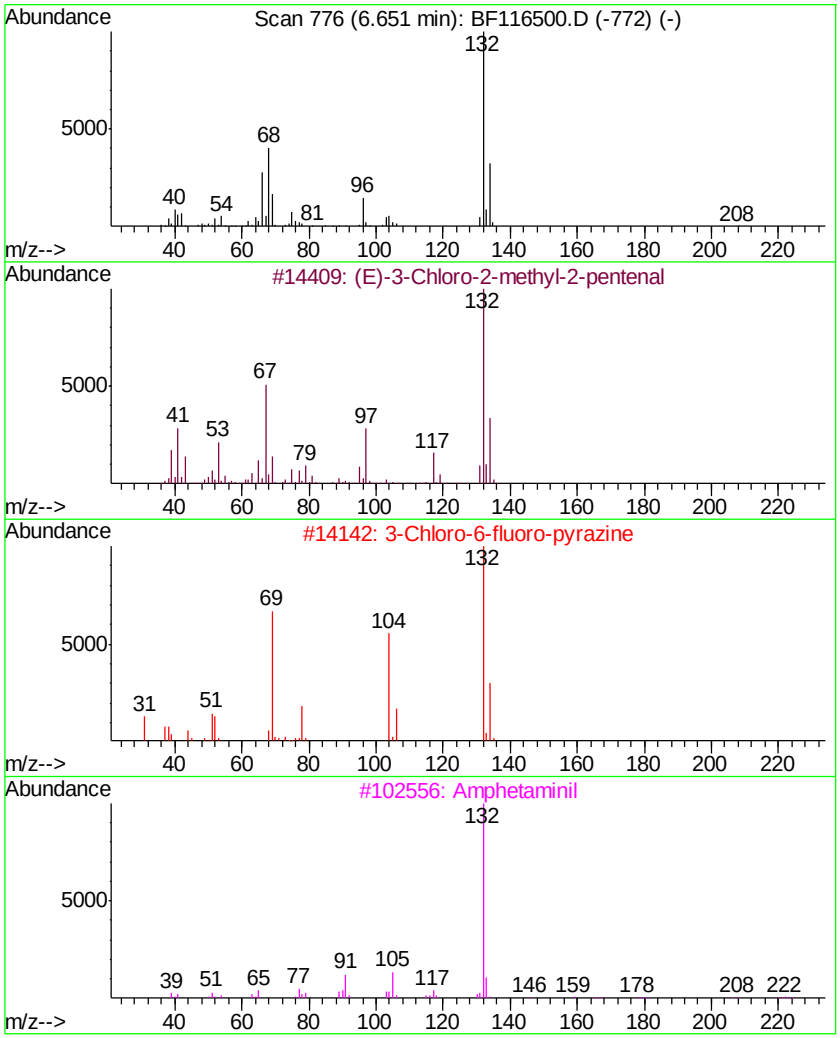
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

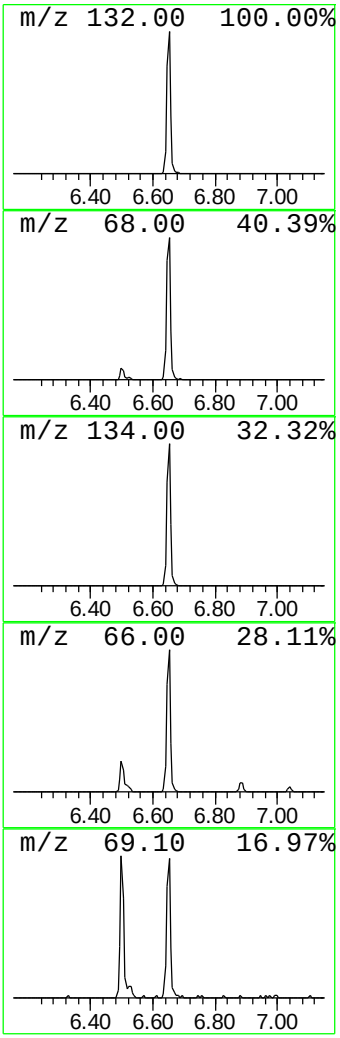
****

Peak Number 3 unknown6.65 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	11.52 ng	330528	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	16
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	4-Ethylphenyl isocyanate	147	C9H9NO	023138-50-3	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116500.D
Acq On : 24 Aug 2019 1:49
Operator : HP/JU
Sample : K4090-13 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-082219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

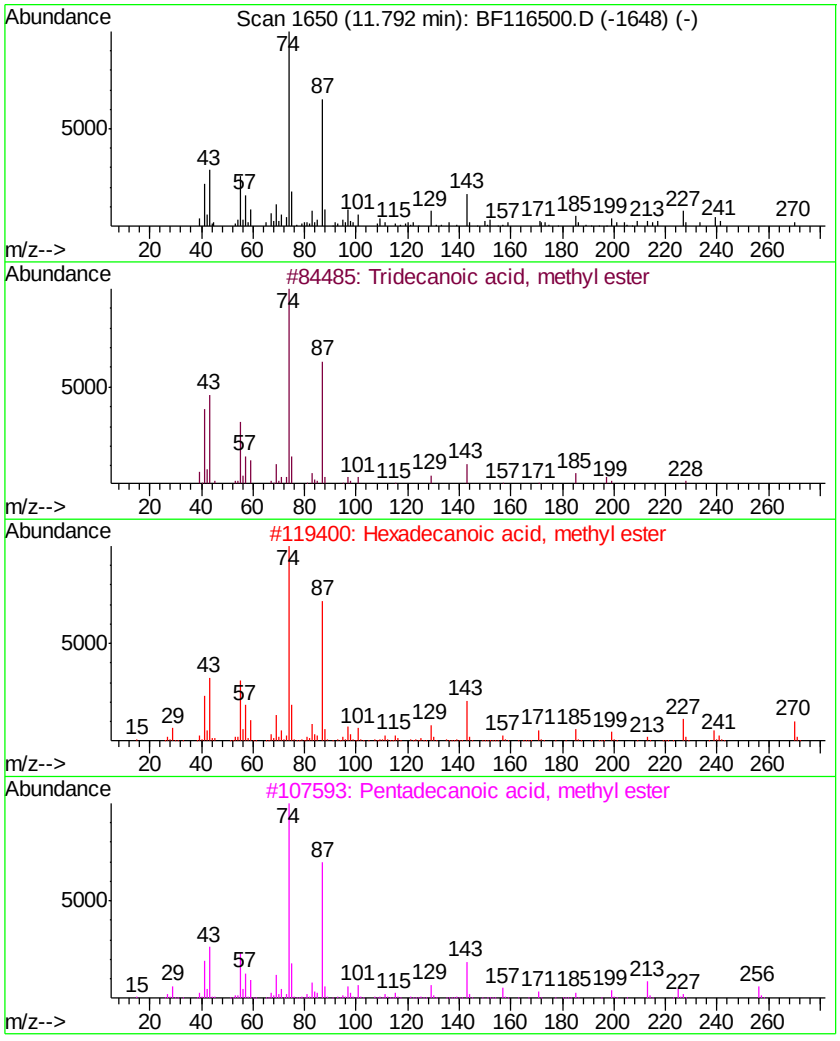
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

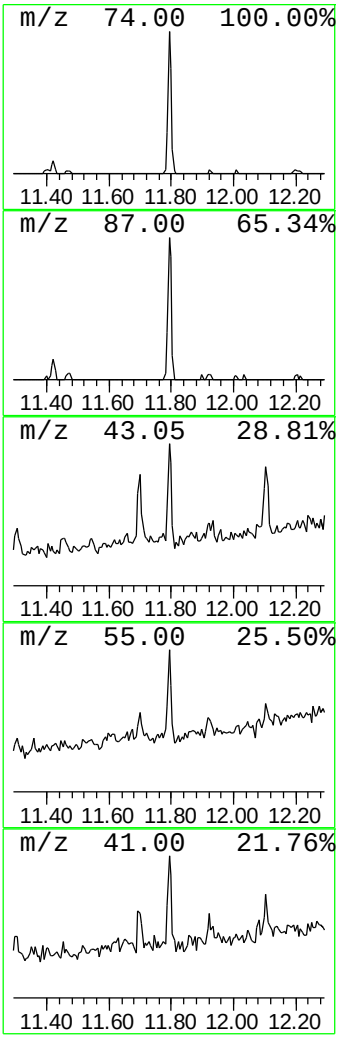
****

Peak Number 5 Tridecanoic acid, methyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.51 ng	86646	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	80
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116500.D
Acq On : 24 Aug 2019 1:49
Operator : HP/JU
Sample : K4090-13 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-082219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

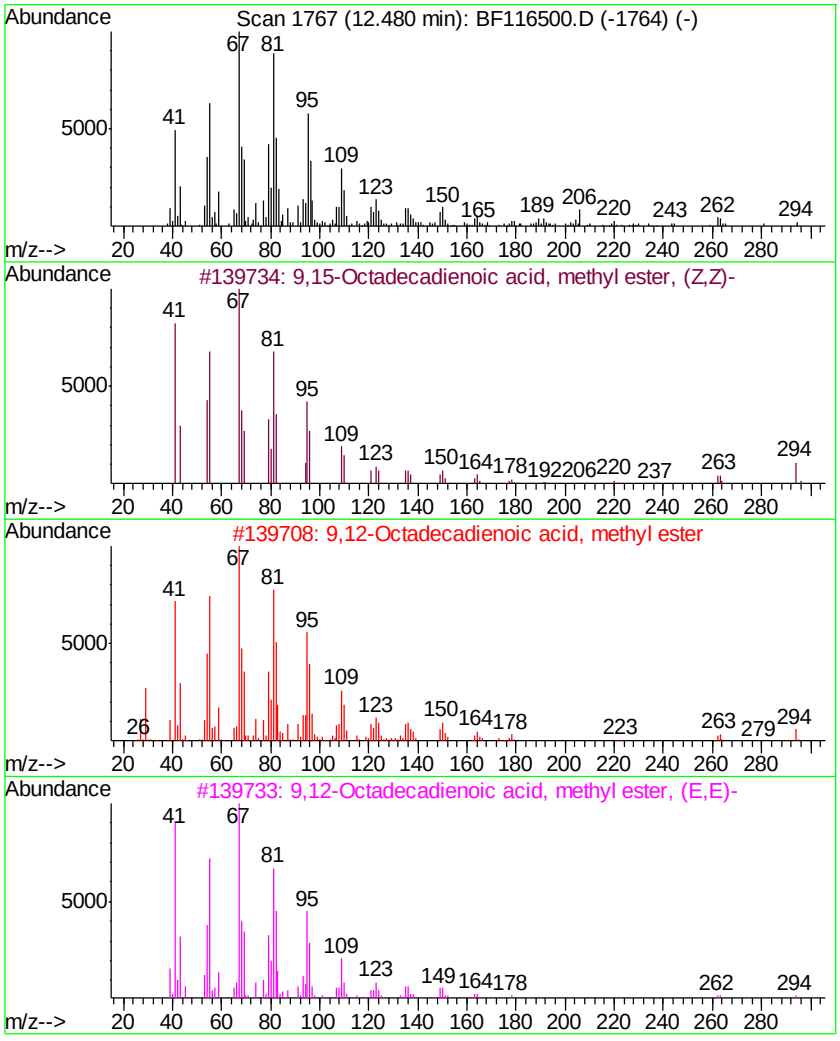
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

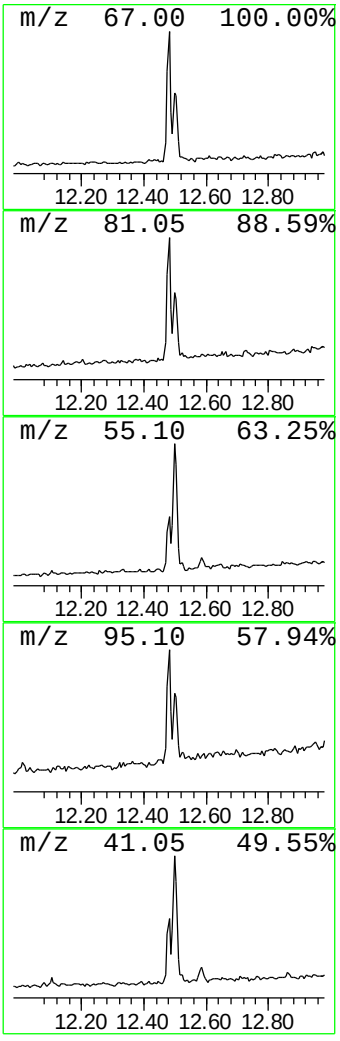
****

Peak Number 6 9,15-Octadecadienoic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	7.50 ng	259512	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95





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Data File : BF116500.D
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ClientSampleId : OR-03-082219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

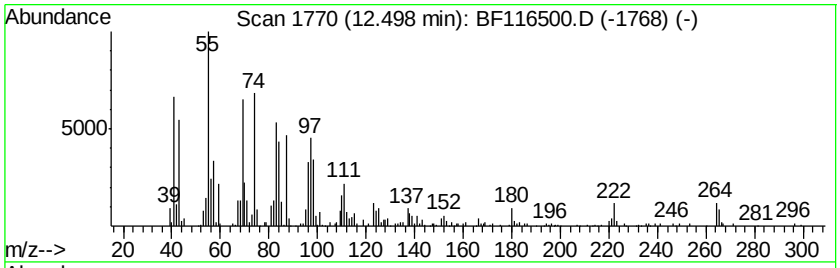
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

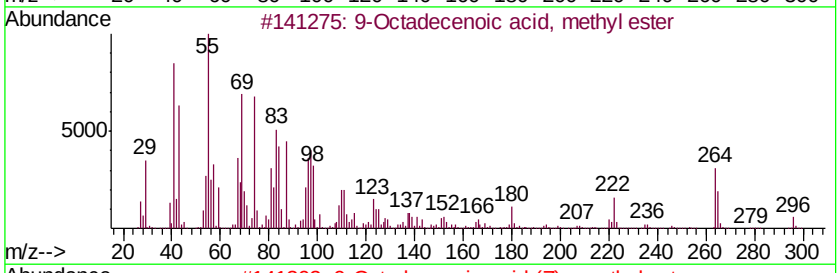
****

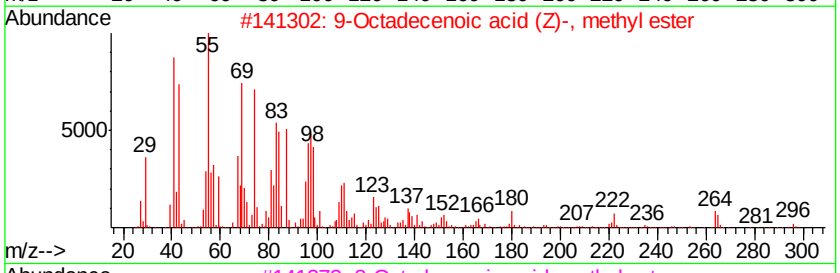
Peak Number 7 9-Octadecenoic acid, methyl... Concentration Rank 2

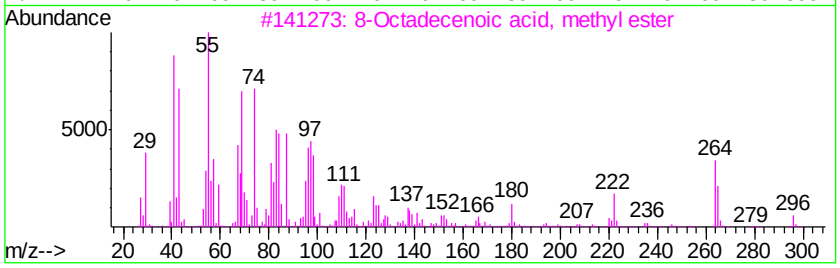
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	12.13 ng	419332	Phenanthrene-d10	11.40

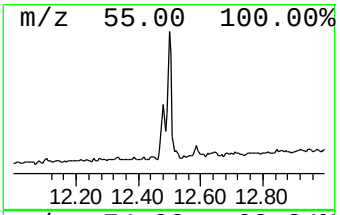
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	96
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	94
3	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	94
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	91
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	91

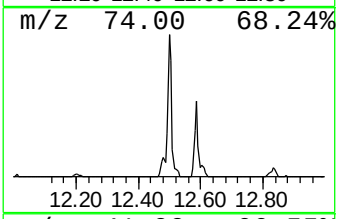


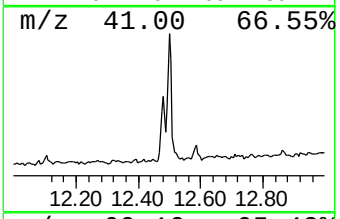


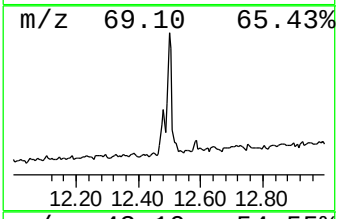


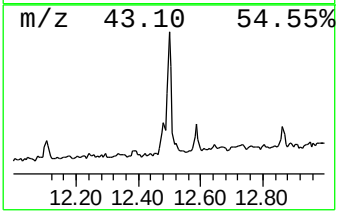












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082319\
Data File : BF116500.D
Acq On : 24 Aug 2019 1:49
Operator : HP/JU
Sample : K4090-13 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-082219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF082319.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...	2.16	18.5	ng	529437	1	6.89	573614	20.0
Indole-2-one, 2,3...	4.76	2.8	ng	80247	1	6.89	573614	20.0
unknown6.65	6.65	11.5	ng	330528	1	6.89	573614	20.0
Tridecanoic acid,...	11.79	2.5	ng	86646	4	11.40	691678	20.0
9,15-Octadecadien...	12.48	7.5	ng	259512	4	11.40	691678	20.0
9-Octadecenoic ac...	12.50	12.1	ng	419332	4	11.40	691678	20.0