LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116815.D
Acq On : 4 Sep 2019 15:05
Operator : HP/JU
Sample : K4639-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-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-BF083019.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	5.457	569	573	580	rBV	273581	251035	36.38%	3.506%
2	6.469	741	745	756	rBV	357942	291547	42.25%	4.071%
3	6.551	756	759	763	rVB	40224	34555	5.01%	0.483%
4	6.610	766	769	773	rBV	334778	290411	42.08%	4.056%
5	6.669	777	779	786	rVB2	6995	9305	1.35%	0.130%
6	6.845	806	809	813	rBV	518838	387492	56.15%	5.411%
7	7.004	832	836	839	rBV	245512	212962	30.86%	2.974%
8	7.398	900	903	910	rBV	207467	171321	24.83%	2.392%
9	7.545	925	928	932	rBB	17096	12139	1.76%	0.170%
10	8.128	1023	1027	1030	rBV	683778	523953	75.92%	7.317%
11	9.151	1199	1201	1206	rBV2	8624	8261	1.20%	0.115%
12	9.198	1206	1209	1216	rVV	459040	342984	49.70%	4.790%
13	9.539	1259	1267	1269	rBV5	7500	13598	1.97%	0.190%
14	9.592	1273	1276	1278	rBV	46572	40475	5.87%	0.565%
15	9.851	1316	1320	1321	rBV	7507	8859	1.28%	0.124%
16	9.880	1321	1325	1331	rVB	795891	631674	91.53%	8.821%
17	10.051	1351	1354	1356	rBV4	6218	8187	1.19%	0.114%
18	10.175	1372	1375	1377	rBV2	12994	14834	2.15%	0.207%
19	10.398	1410	1413	1415	rVB	9397	8698	1.26%	0.121%
20	10.533	1430	1436	1439	rBV	27627	34726	5.03%	0.485%
21	10.586	1443	1445	1448	rVB3	8276	8753	1.27%	0.122%
22	10.627	1448	1452	1454	rBV3	9721	12353	1.79%	0.173%
23	10.663	1454	1458	1462	rVV	202226	175427	25.42%	2.450%
24	10.798	1476	1481	1486	rVB2	68892	73155	10.60%	1.022%
25	10.845	1486	1489	1492	rBV	60936	56155	8.14%	0.784%
26	10.880	1492	1495	1498	rVV2	56897	62941	9.12%	0.879%
27	10.916	1498	1501	1503	rVV	65067	58025	8.41%	0.810%
28	10.939	1503	1505	1507	rVV	41979	32207	4.67%	0.450%
29	10.980	1507	1512	1513	rVV3	31977	42230	6.12%	0.590%
30	10.998	1513	1515	1517	rVV2	29079	29594	4.29%	0.413%
31	11.027	1517	1520	1523	rVV3	53104	62251	9.02%	0.869%
32	11.063	1523	1526	1528	rVV	71818	62439	9.05%	0.872%
33	11.104	1531	1533	1539	rVB2	42720	43411	6.29%	0.606%
34	11.221	1550	1553	1557	rBV4	22283	31164	4.52%	0.435%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116815.D
Acq On : 4 Sep 2019 15:05
Operator : HP/JU
Sample : K4639-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-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-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.263	1557	1560	1565	rVB	55646	58110	8.42%	0.811%
36	11.363	1573	1577	1580	rBV	725224	631524	91.51%	8.819%
37	11.416	1583	1586	1591	rVB5	13306	19405	2.81%	0.271%
38	11.545	1606	1608	1610	rBV2	8695	8243	1.19%	0.115%
39	11.610	1617	1619	1623	rVB3	21628	20405	2.96%	0.285%
40	11.657	1625	1627	1629	rVB2	18258	10728	1.55%	0.150%
41	11.821	1652	1655	1656	rBV3	11516	11442	1.66%	0.160%
42	11.886	1663	1666	1670	rBV4	46083	50049	7.25%	0.699%
43	11.957	1675	1678	1679	rBV3	16902	20272	2.94%	0.283%
44	12.063	1693	1696	1700	rBV5	73705	73873	10.70%	1.032%
45	12.127	1705	1707	1710	rBV4	15288	12747	1.85%	0.178%
46	12.310	1735	1738	1740	rBV2	43954	41383	6.00%	0.578%
47	12.345	1742	1744	1748	rVB3	25777	29139	4.22%	0.407%
48	12.451	1760	1762	1765	rBV3	25033	23921	3.47%	0.334%
49	12.568	1780	1782	1784	rVB	53958	40954	5.93%	0.572%
50	12.616	1787	1790	1793	rBV	410661	331111	47.98%	4.624%
51	12.798	1818	1821	1823	rBV	58410	53054	7.69%	0.741%
52	12.821	1823	1825	1828	rVB	72285	62694	9.08%	0.876%
53	12.939	1842	1845	1848	rBV	452820	382641	55.45%	5.344%
54	13.457	1931	1933	1936	rVB	54947	43234	6.26%	0.604%
55	13.992	2018	2024	2027	rBV2	543788	690106	100.00%	9.637%
56	14.615	2128	2130	2137	rVB3	71062	95851	13.89%	1.339%
57	15.451	2268	2272	2275	rBV	340702	402835	58.37%	5.626%

Sum of corrected areas: 7160842

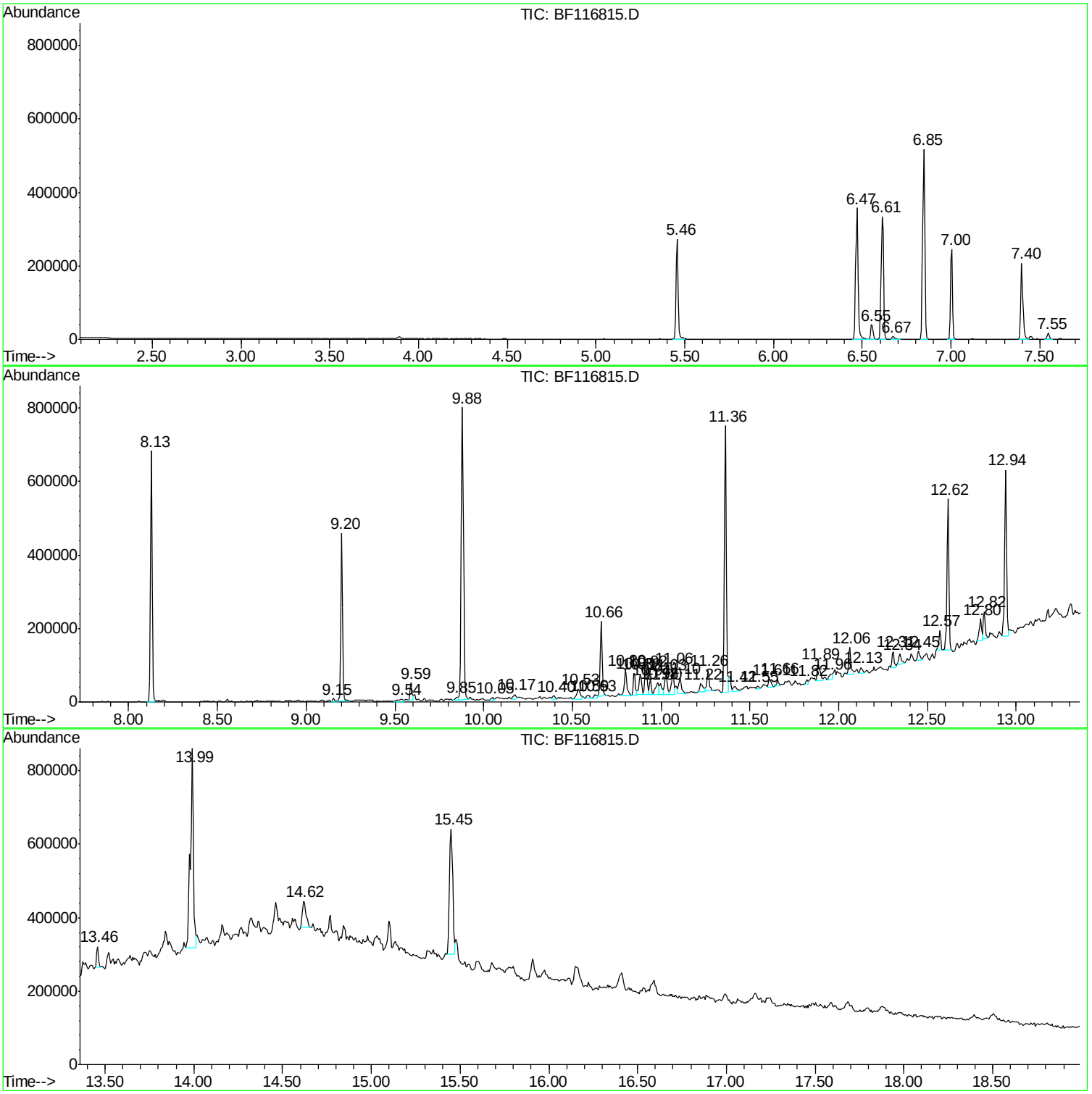
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116815.D
Acq On : 4 Sep 2019 15:05
Operator : HP/JU
Sample : K4639-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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\BF090419\
Data File : BF116815.D
Acq On : 4 Sep 2019 15:05
Operator : HP/JU
Sample : K4639-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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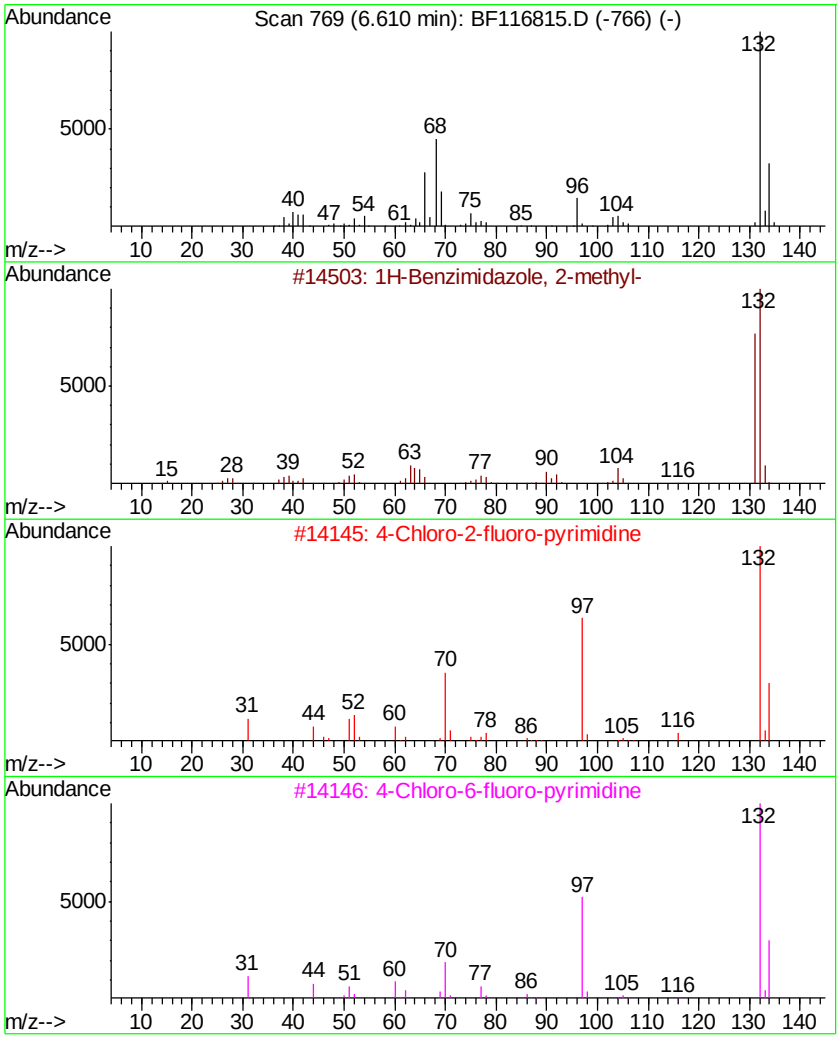
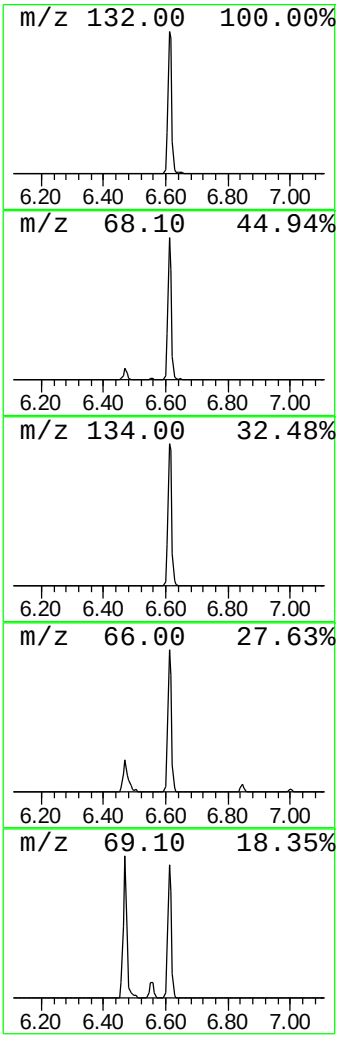
Peak Number 1 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	14.99 ng	290411	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
2	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116815.D
Acq On : 4 Sep 2019 15:05
Operator : HP/JU
Sample : K4639-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

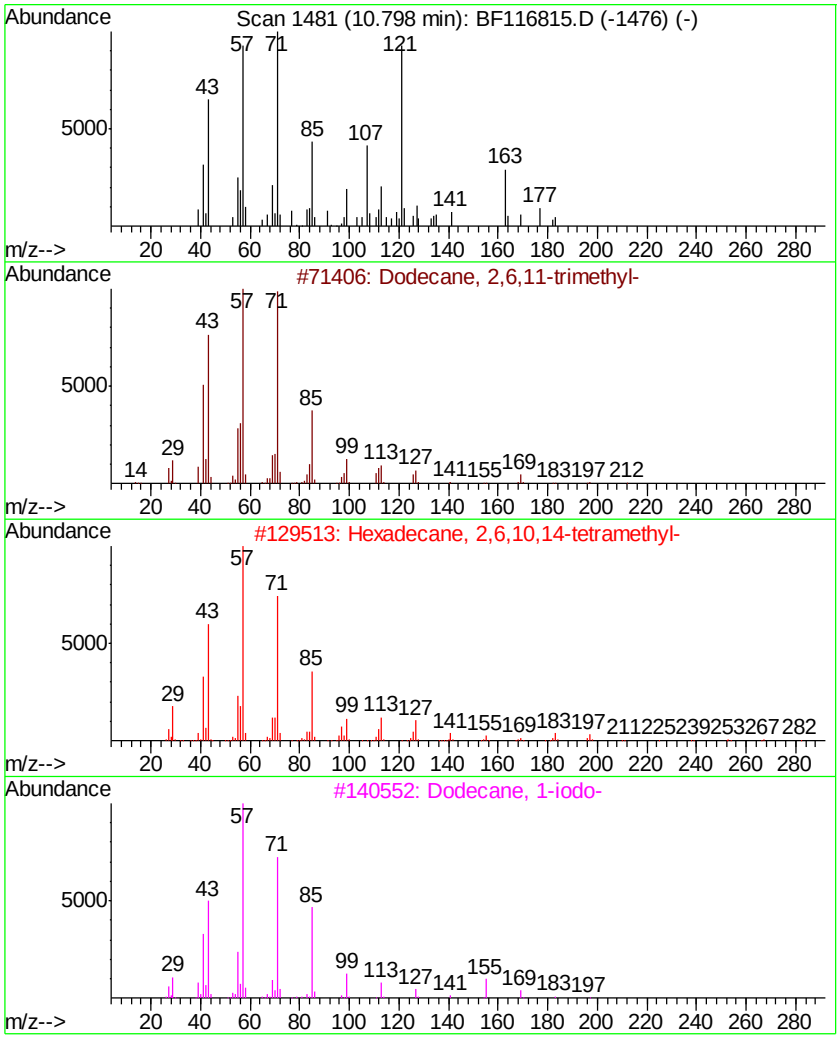
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

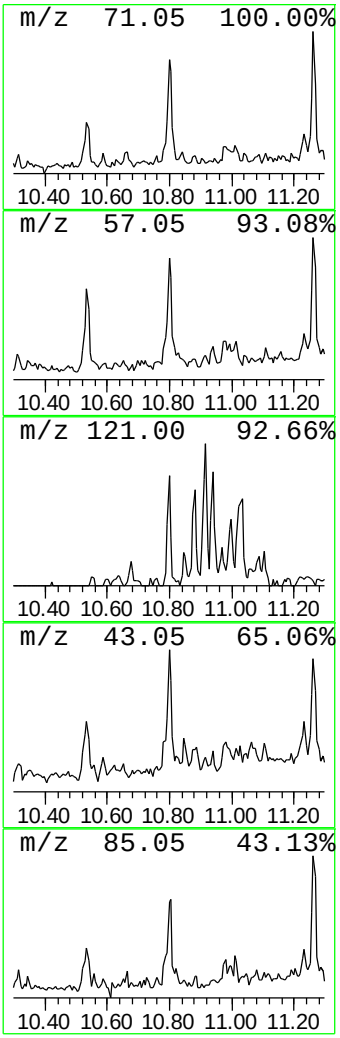
****

Peak Number 3 unknown10.80 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.32 ng	73155	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	35
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	35
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	30
4	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	27
5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116815.D
Acq On : 4 Sep 2019 15:05
Operator : HP/JU
Sample : K4639-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

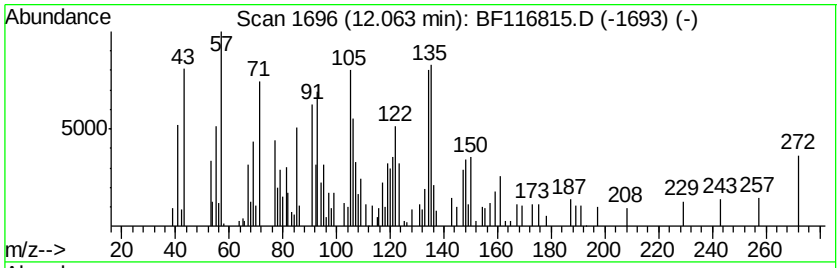
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

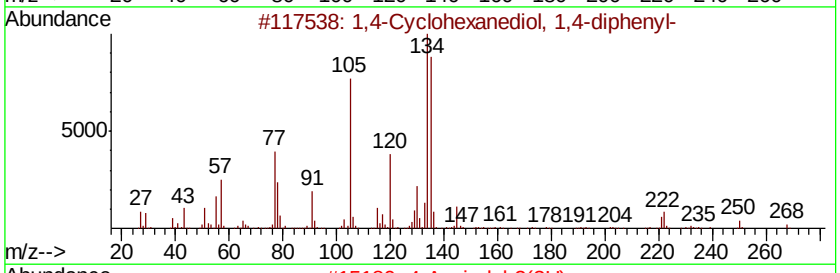
****

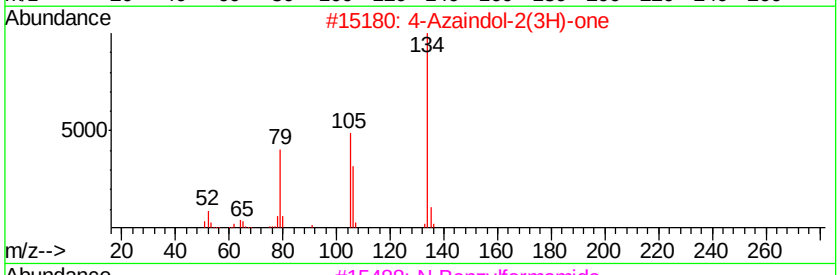
Peak Number 4 unknown12.06 Concentration Rank 5

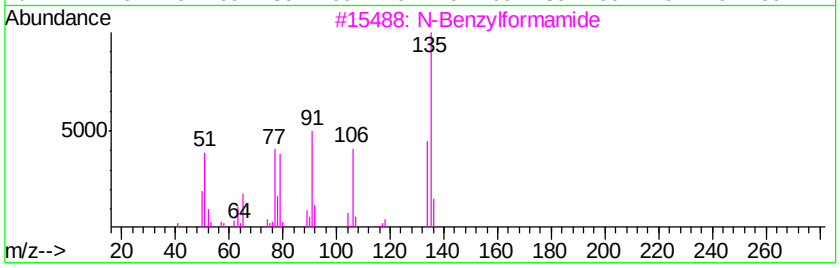
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	2.34 ng	73873	Phenanthrene-d10	11.36

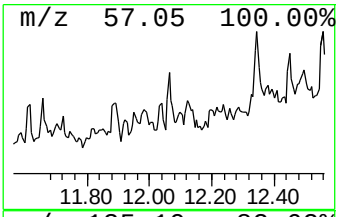
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Cyclohexanediol, 1,4-diphenyl-	268	C18H20O2	032651-20-0	22
2	4-Azaindol-2(3H)-one	134	C7H6N2O	032501-05-6	18
3	N-Benzylformamide	135	C8H9NO	006343-54-0	18
4	6-Octadecynenitrile	261	C18H31N	056600-19-2	14
5	3,3-Dimethyl-1-phenylazetidine-4...	191	C11H13NS	096594-26-2	11

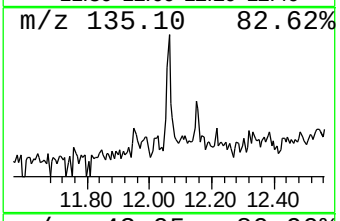


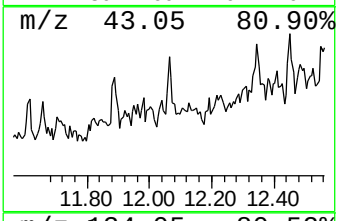


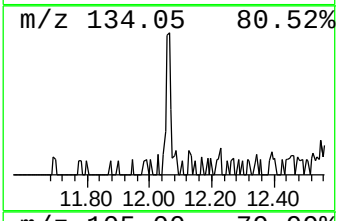


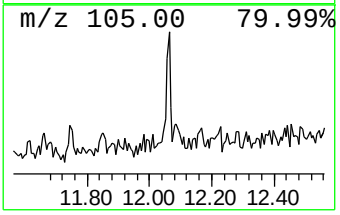












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116815.D
Acq On : 4 Sep 2019 15:05
Operator : HP/JU
Sample : K4639-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

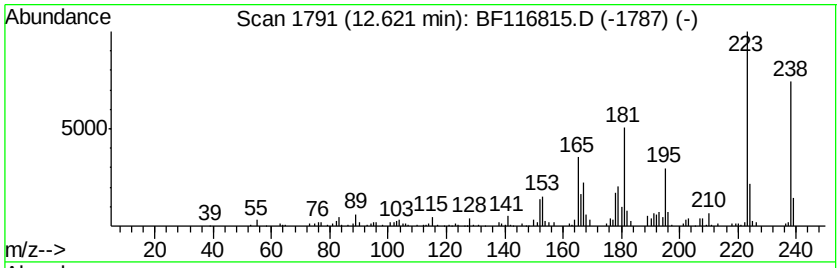
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

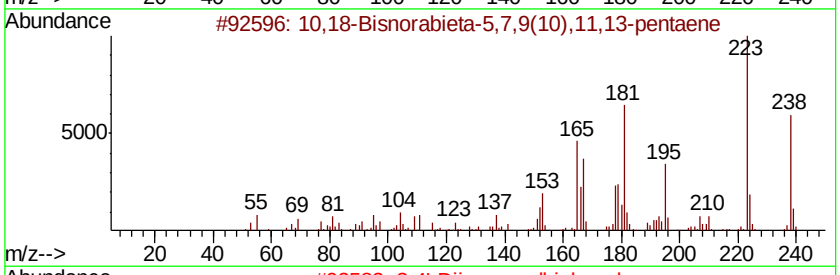
****

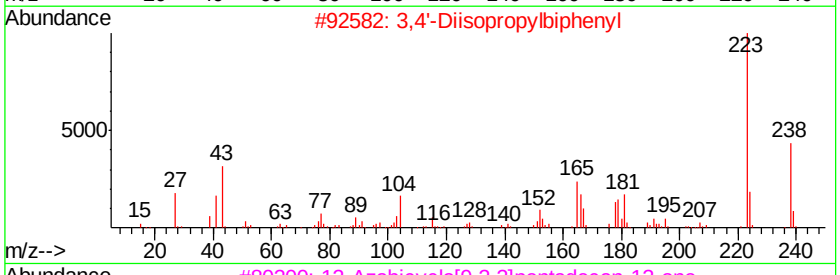
Peak Number 5 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 3

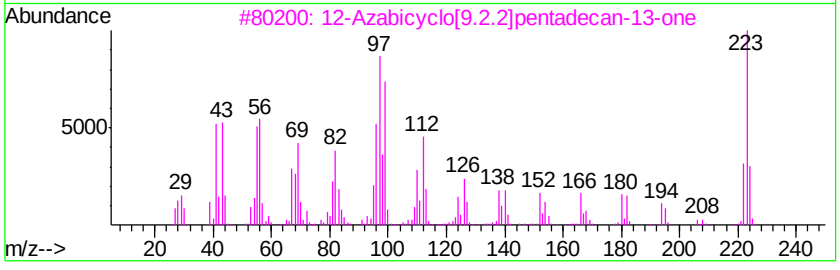
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	10.49 ng	331111	Phenanthrene-d10	11.36

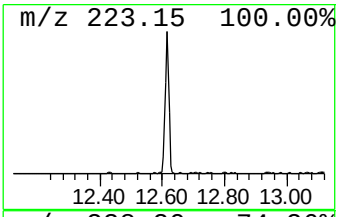
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	76
3	12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	60
4	3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	58
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	55

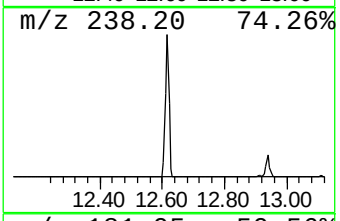


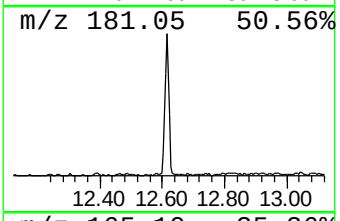


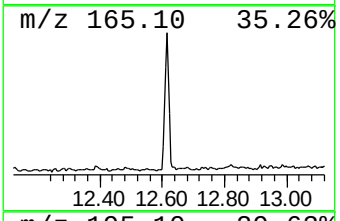


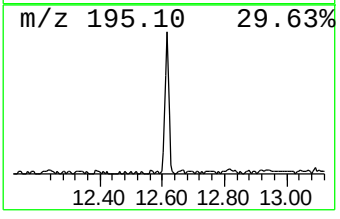












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116815.D
Acq On : 4 Sep 2019 15:05
Operator : HP/JU
Sample : K4639-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

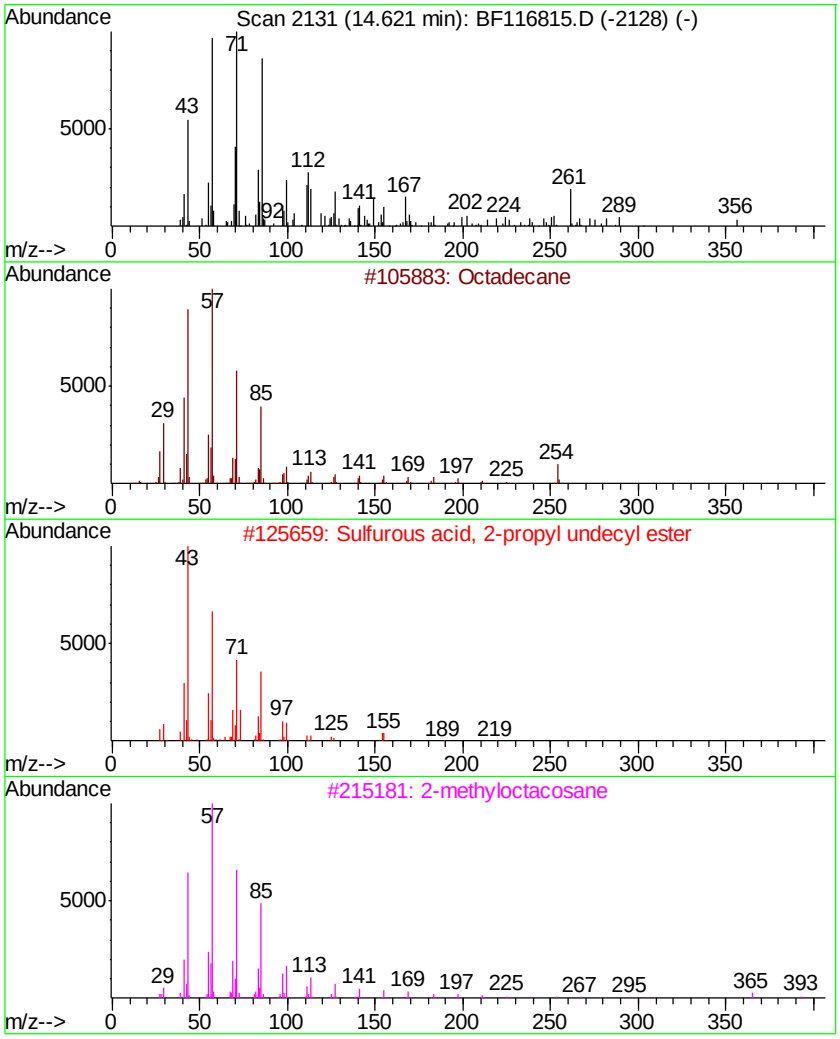
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

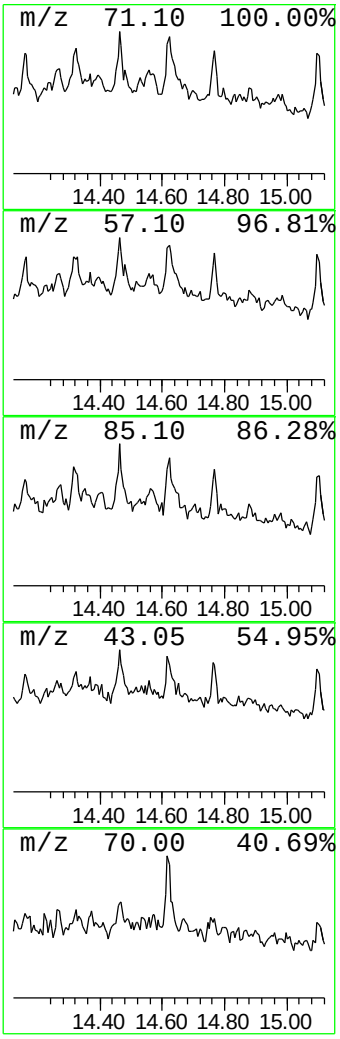
****

Peak Number 6 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	2.78 ng	95851	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	60
2	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	47
3	2-methyloctacosane	408	C29H60	1000376-72-8	47
4	Eicosane	282	C20H42	000112-95-8	43
5	Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090419\
Data File : BF116815.D
Acq On : 4 Sep 2019 15:05
Operator : HP/JU
Sample : K4639-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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
unknown6.61	6.61	15.0	ng	290411	1	6.85	387492	20.0
unknown10.80	10.80	2.3	ng	73155	4	11.36	631524	20.0
unknown12.06	12.06	2.3	ng	73873	4	11.36	631524	20.0
10,18-Bisnorabiet...	12.62	10.5	ng	331111	4	11.36	631524	20.0
Octadecane	14.62	2.8	ng	95851	5	13.99	690106	20.0