LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116461.D
Acq On : 21 Aug 2019 13:14
Operator : HP/JU
Sample : K4421-11 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUNSET-PARK-SB-2-COMP

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-BF073019.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	5.445	567	571	591	rBV	83964	222440	26.29%	2.140%
2	6.063	673	676	679	rVB	16744	12701	1.50%	0.122%
3	6.457	740	743	747	rBV	145294	202287	23.91%	1.946%
4	6.534	754	756	761	rVB	14337	15149	1.79%	0.146%
5	6.581	761	764	777	rVV	240482	351152	41.50%	3.378%
6	6.675	777	780	784	rVB	15446	14754	1.74%	0.142%
7	6.792	797	800	810	rBV	525514	506643	59.88%	4.874%
8	6.869	810	813	818	rVV	109156	92999	10.99%	0.895%
9	6.951	824	827	841	rVB	242544	257319	30.41%	2.476%
10	7.369	895	898	906	rBV	99541	170924	20.20%	1.644%
11	7.951	992	997	1001	rBV2	8654	12064	1.43%	0.116%
12	8.075	1015	1018	1027	rBV	744127	671429	79.35%	6.460%
13	8.275	1049	1052	1055	rVB	18097	14375	1.70%	0.138%
14	8.357	1060	1066	1069	rBV5	8199	12805	1.51%	0.123%
15	8.492	1085	1089	1091	rBV	13818	13171	1.56%	0.127%
16	8.610	1105	1109	1112	rBV3	14968	16250	1.92%	0.156%
17	8.757	1131	1134	1137	rVB2	13775	15537	1.84%	0.149%
18	8.945	1164	1166	1170	rBV3	7776	12539	1.48%	0.121%
19	9.092	1188	1191	1196	rVB2	16474	15392	1.82%	0.148%
20	9.145	1197	1200	1209	rBV	511318	426807	50.44%	4.106%
21	9.228	1210	1214	1217	rBV3	20253	23411	2.77%	0.225%
22	9.416	1243	1246	1254	rBV2	35269	43639	5.16%	0.420%
23	9.480	1254	1257	1263	rVB3	29211	31439	3.72%	0.302%
24	9.545	1263	1268	1272	rBV	64221	66813	7.90%	0.643%
25	9.633	1280	1283	1288	rVB4	7191	12550	1.48%	0.121%
26	9.692	1290	1293	1297	rBV	14445	17392	2.06%	0.167%
27	9.757	1302	1304	1308	rVB4	8139	10000	1.18%	0.096%
28	9.828	1312	1316	1320	rBV	994156	831856	98.31%	8.003%
29	10.075	1355	1358	1367	rVB8	11677	17951	2.12%	0.173%
30	10.227	1380	1384	1386	rBV2	11691	14353	1.70%	0.138%
31	10.622	1448	1451	1460	rBV	136847	175553	20.75%	1.689%
32	10.733	1466	1470	1473	rBV3	15198	19644	2.32%	0.189%
33	11.169	1541	1544	1547	rBV2	10638	10441	1.23%	0.100%
34	11.204	1547	1550	1551	rBV	10497	10086	1.19%	0.097%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116461.D
Acq On : 21 Aug 2019 13:14
Operator : HP/JU
Sample : K4421-11 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUNSET-PARK-SB-2-COMP

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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.316	1565	1569	1572	rBV	984763	846122	100.00%	8.141%
36	11.339	1572	1573	1578	rVV	94030	75688	8.95%	0.728%
37	11.398	1581	1583	1588	rVV	21166	23825	2.82%	0.229%
38	11.645	1623	1625	1631	rVB6	6353	11563	1.37%	0.111%
39	11.839	1652	1658	1666	rBV4	90019	168646	19.93%	1.623%
40	11.933	1671	1674	1683	rVB2	35950	59082	6.98%	0.568%
41	12.051	1691	1694	1698	rBV5	21252	25734	3.04%	0.248%
42	12.116	1702	1705	1707	rBV	16463	17404	2.06%	0.167%
43	12.163	1710	1713	1714	rBV3	11635	13219	1.56%	0.127%
44	12.245	1724	1727	1731	rVB	457983	418004	49.40%	4.022%
45	12.369	1745	1748	1750	rBV	26076	27221	3.22%	0.262%
46	12.533	1773	1776	1778	rBV	179048	170557	20.16%	1.641%
47	12.557	1778	1780	1785	rVB	304896	258392	30.54%	2.486%
48	12.621	1787	1791	1799	rBV	285763	406909	48.09%	3.915%
49	12.763	1810	1815	1822	rBV	187463	200812	23.73%	1.932%
50	12.892	1833	1837	1841	rVB	489602	422227	49.90%	4.062%
51	12.968	1848	1850	1856	rBV4	22678	39494	4.67%	0.380%
52	13.074	1865	1868	1870	rBV4	25289	33209	3.92%	0.320%
53	13.174	1881	1885	1888	rBV2	171746	154757	18.29%	1.489%
54	13.368	1915	1918	1926	rVB	117524	130704	15.45%	1.258%
55	13.963	2015	2019	2022	rBV	714004	746630	88.24%	7.183%
56	14.098	2040	2042	2045	rBV	51945	45249	5.35%	0.435%
57	14.404	2092	2094	2097	rVB	87406	66240	7.83%	0.637%
58	14.704	2142	2145	2148	rBV	162232	155318	18.36%	1.494%
59	15.027	2197	2200	2208	rVB	276624	355260	41.99%	3.418%
60	15.392	2259	2262	2264	rBV	192724	223760	26.45%	2.153%
61	15.421	2264	2267	2278	rVB	530900	724772	85.66%	6.973%
62	15.809	2330	2333	2337	rVB	180907	231127	27.32%	2.224%

Sum of corrected areas: 10393790

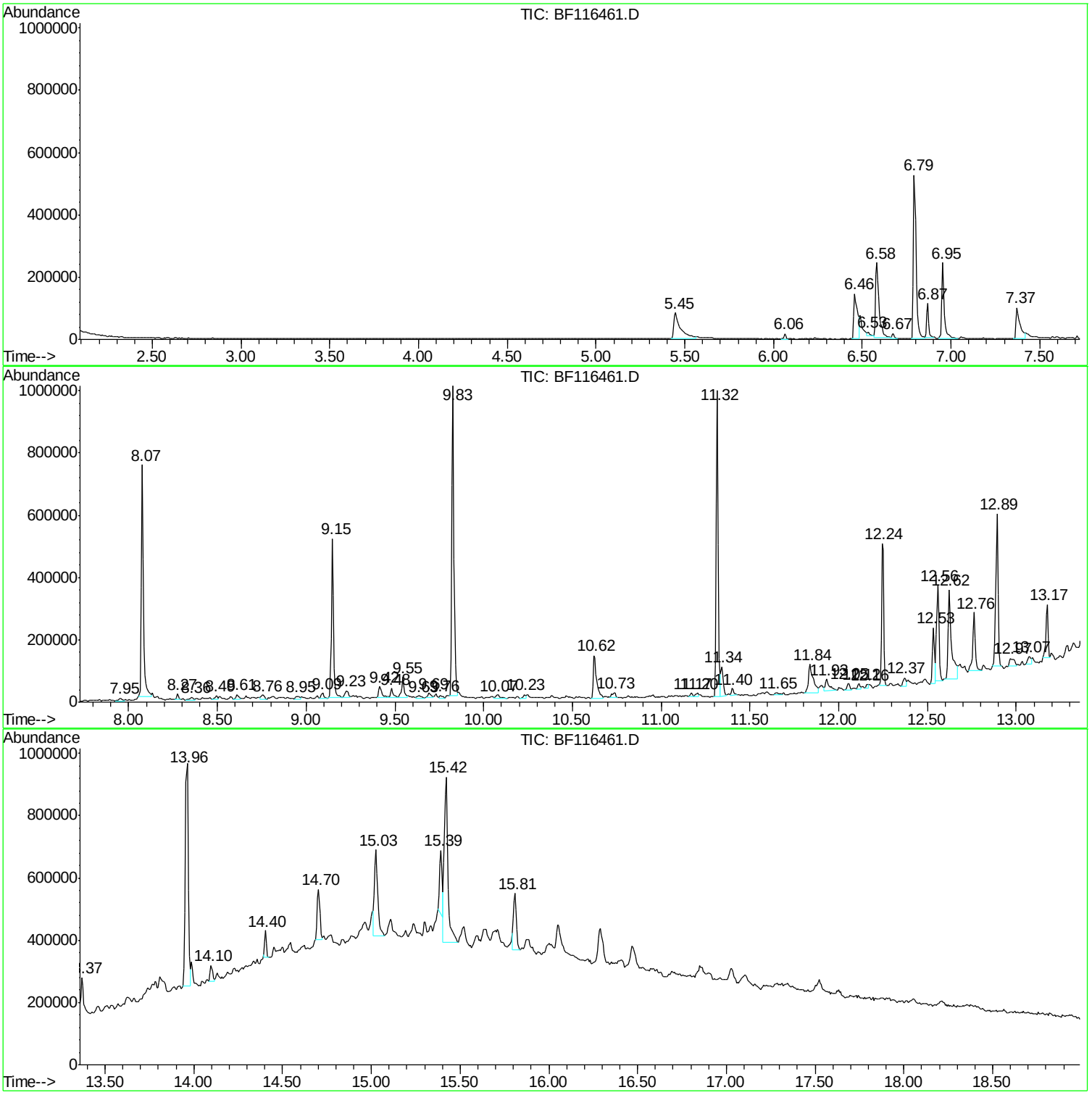
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116461.D
Acq On : 21 Aug 2019 13:14
Operator : HP/JU
Sample : K4421-11 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUNSET-PARK-SB-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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\BF082119\
Data File : BF116461.D
Acq On : 21 Aug 2019 13:14
Operator : HP/JU
Sample : K4421-11 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUNSET-PARK-SB-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

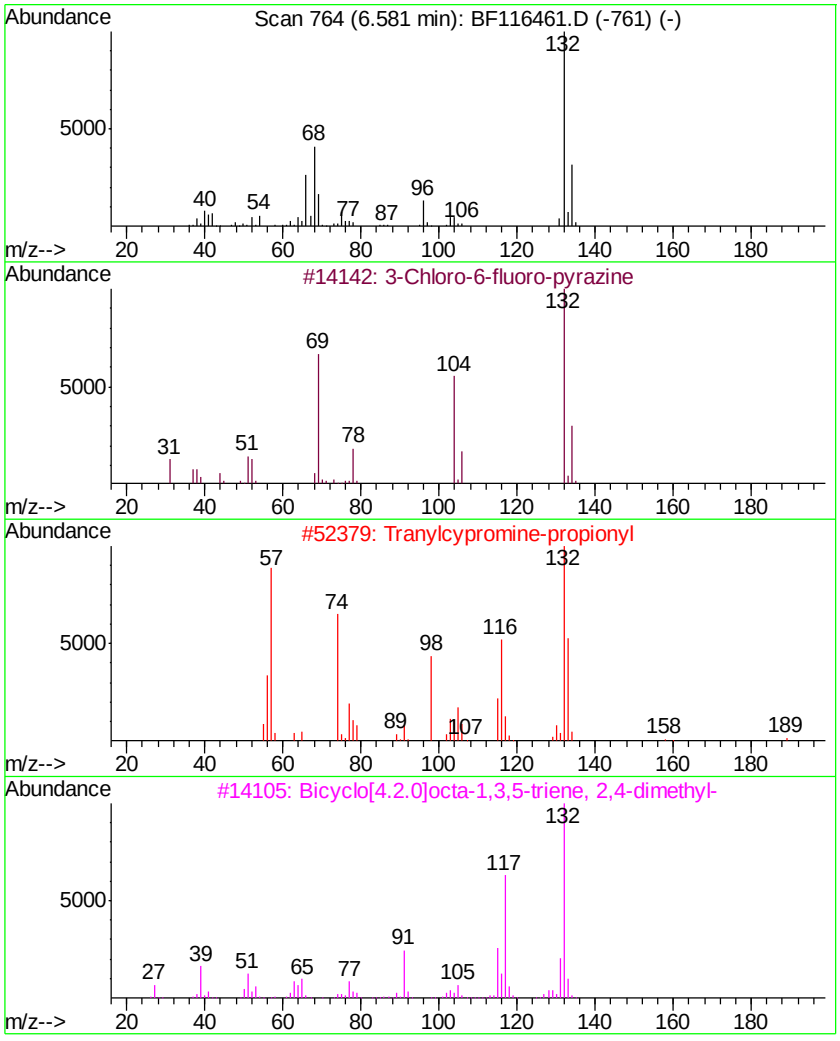
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

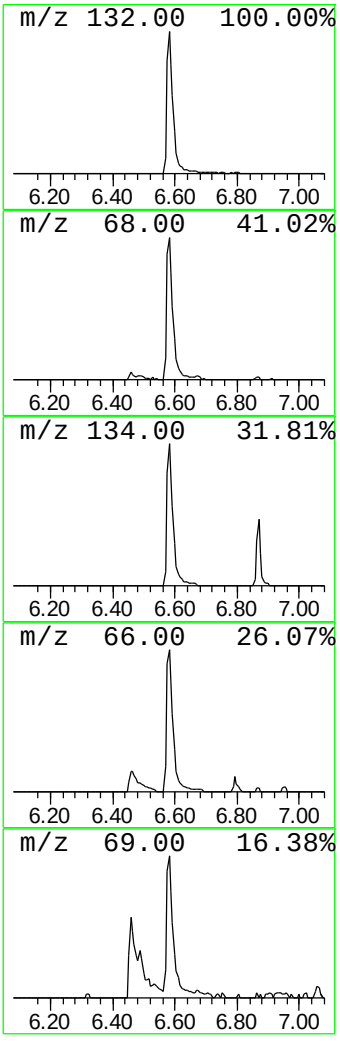
****

Peak Number 1 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	13.86 ng	351152	1,4-Dichlorobenzene-d4	6.79

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	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116461.D
Acq On : 21 Aug 2019 13:14
Operator : HP/JU
Sample : K4421-11 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUNSET-PARK-SB-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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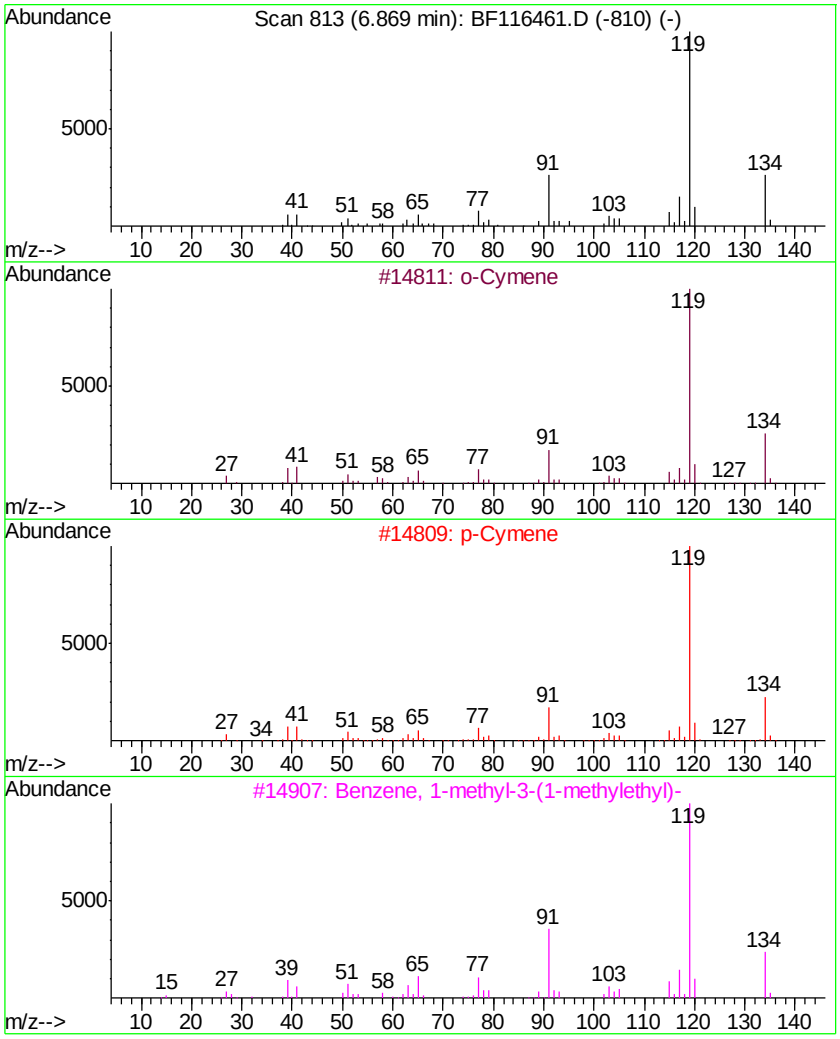
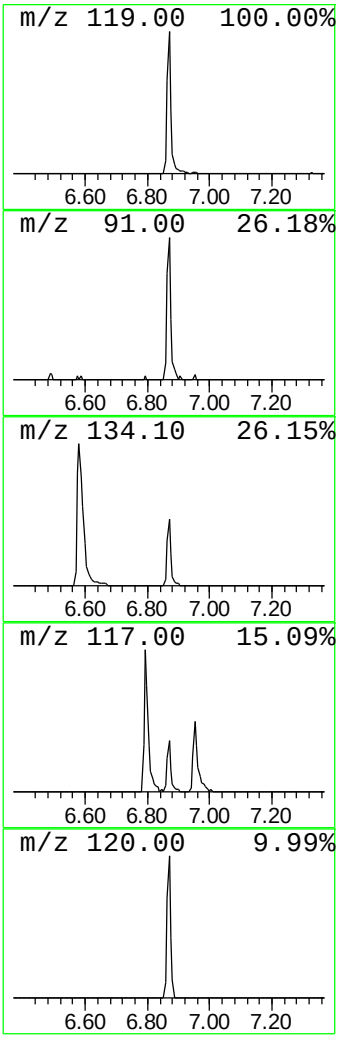
Peak Number 2 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	3.67 ng	92999	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	p-Cymene	134	C10H14	000099-87-6	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116461.D
Acq On : 21 Aug 2019 13:14
Operator : HP/JU
Sample : K4421-11 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUNSET-PARK-SB-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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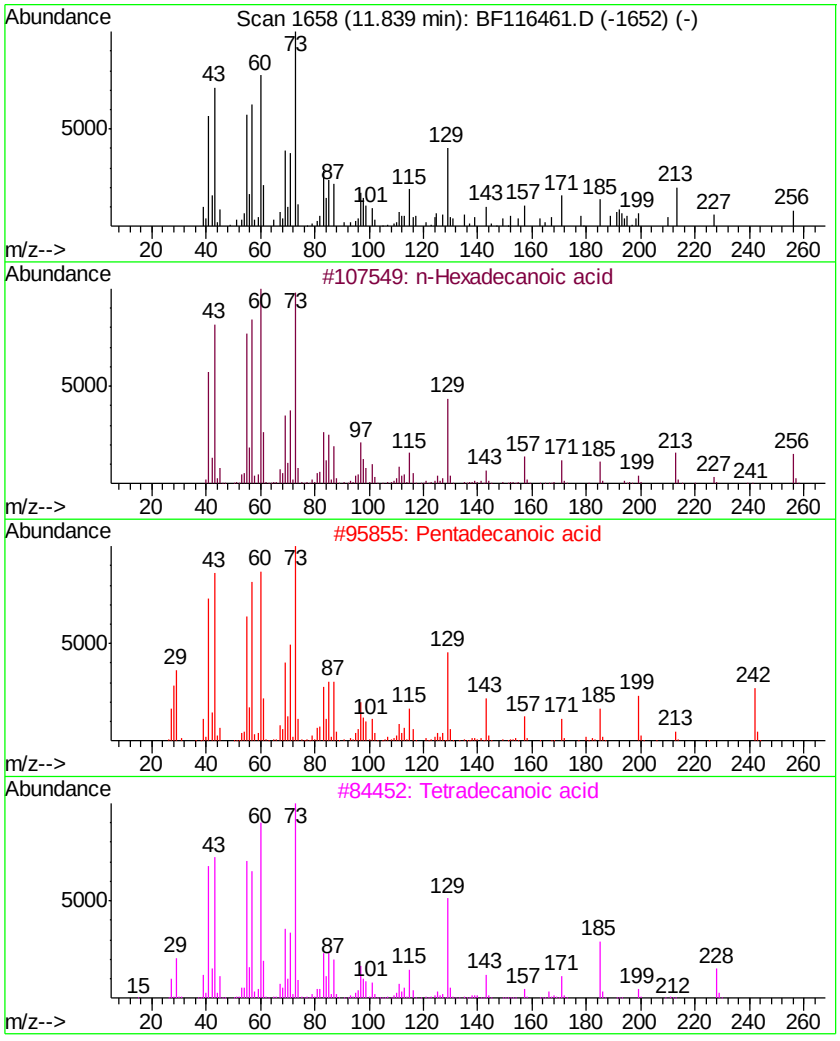
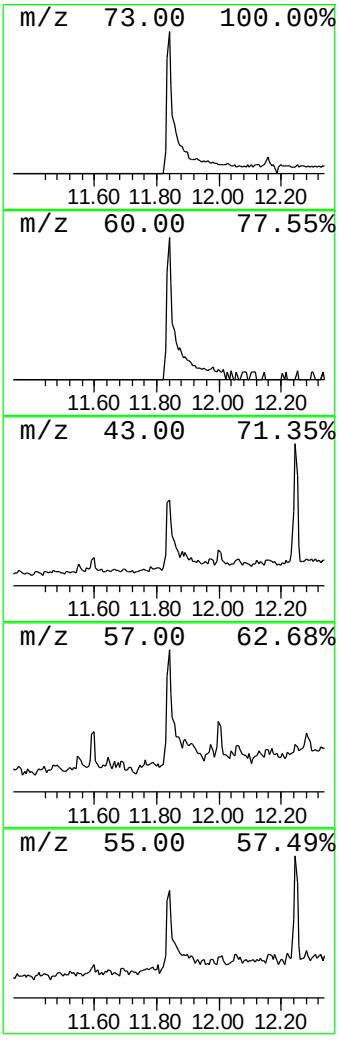
Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	3.99 ng	168646	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116461.D
Acq On : 21 Aug 2019 13:14
Operator : HP/JU
Sample : K4421-11 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUNSET-PARK-SB-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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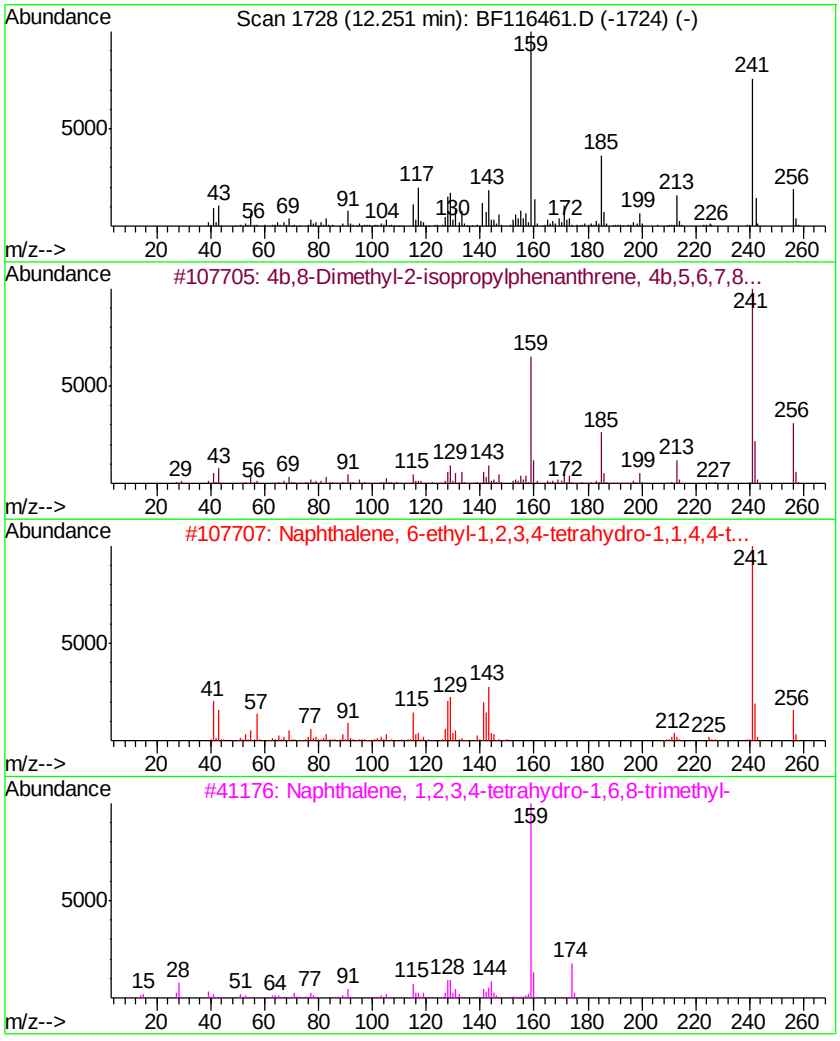
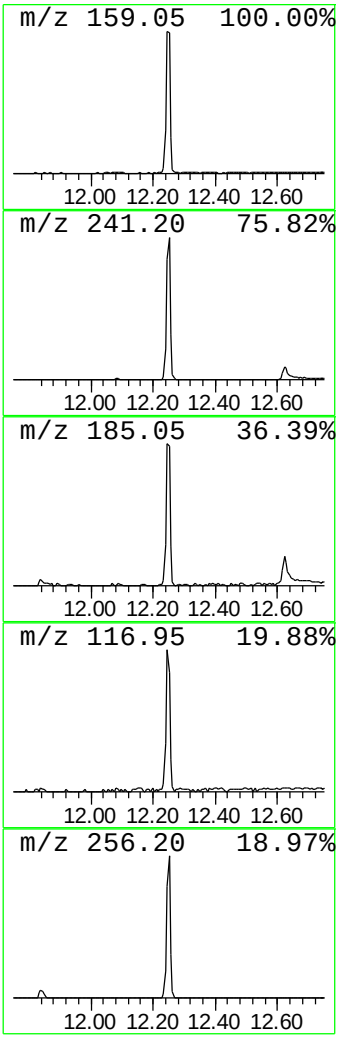
Peak Number 5 4b,8-Dimethyl-2-isopropylph... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	9.88 ng	418004	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	98
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	59
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	38
4	2(1H)-Quinolinone, hydrazone	159	C9H9N3	015793-77-8	35
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116461.D
Acq On : 21 Aug 2019 13:14
Operator : HP/JU
Sample : K4421-11 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUNSET-PARK-SB-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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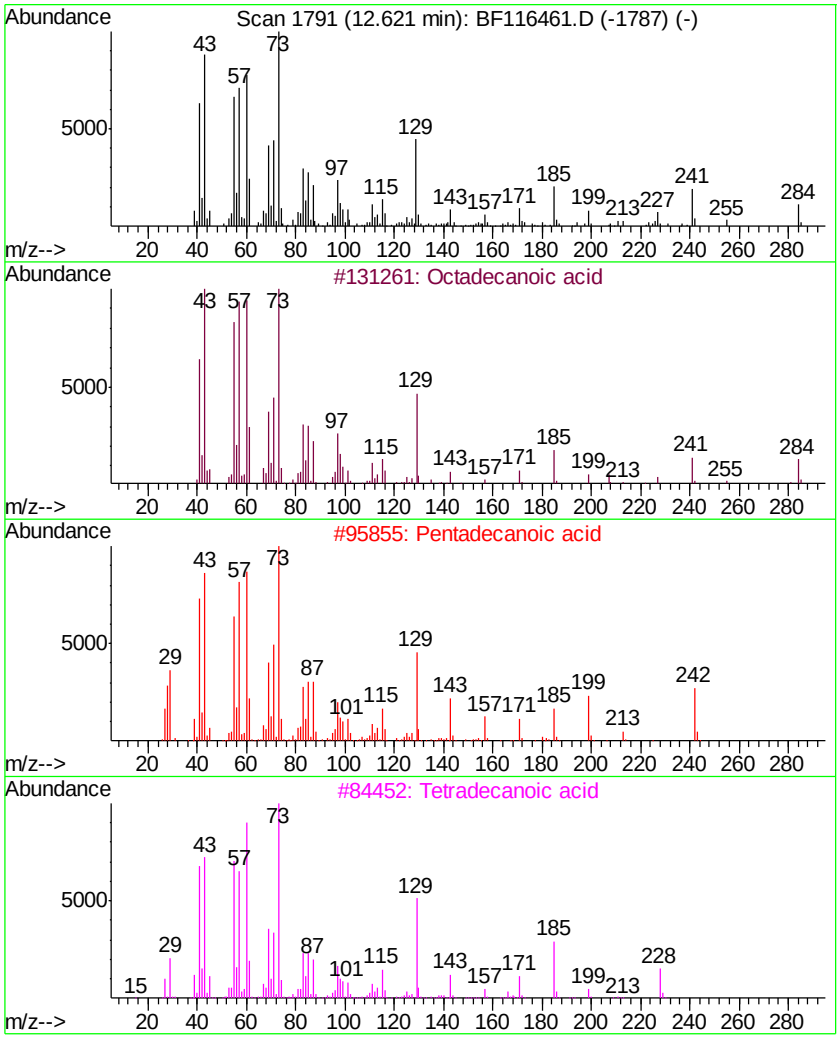
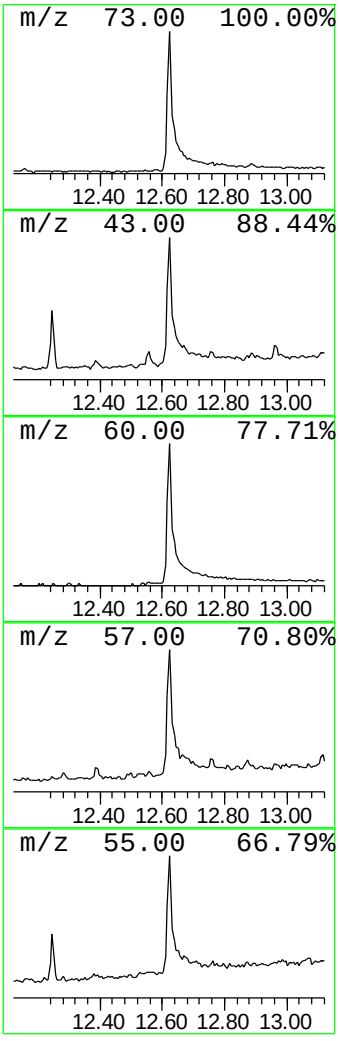
Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	9.62 ng	406909	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116461.D
Acq On : 21 Aug 2019 13:14
Operator : HP/JU
Sample : K4421-11 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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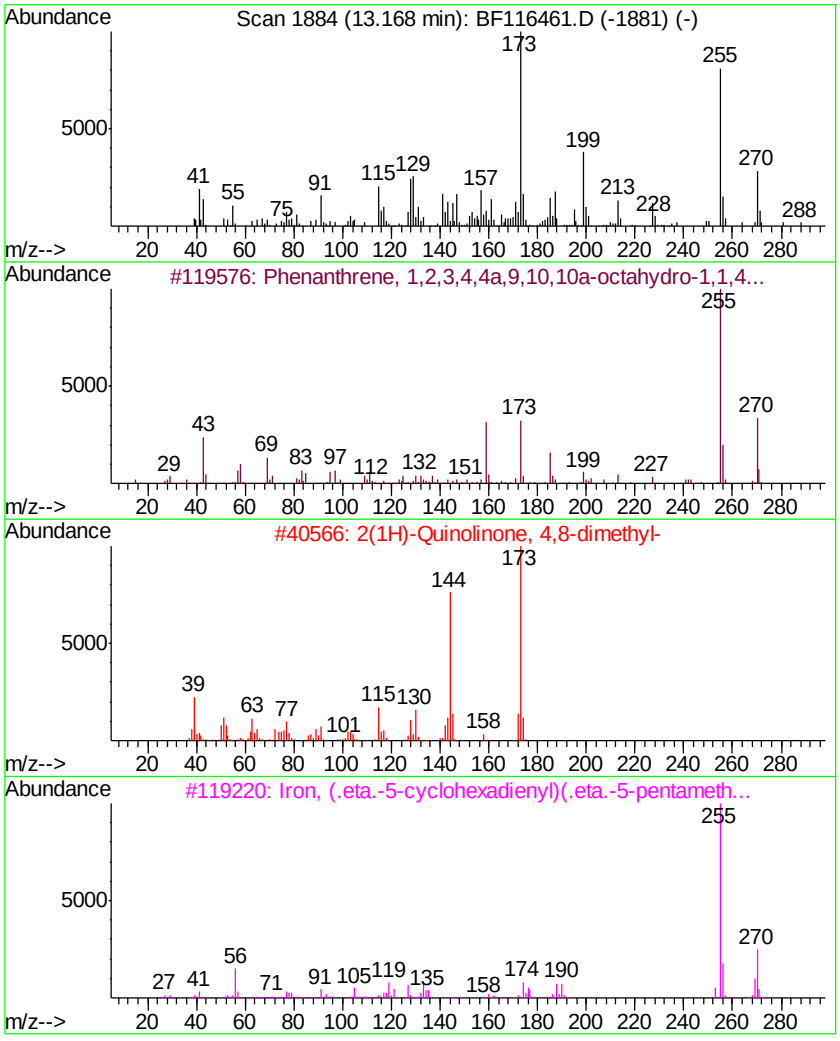
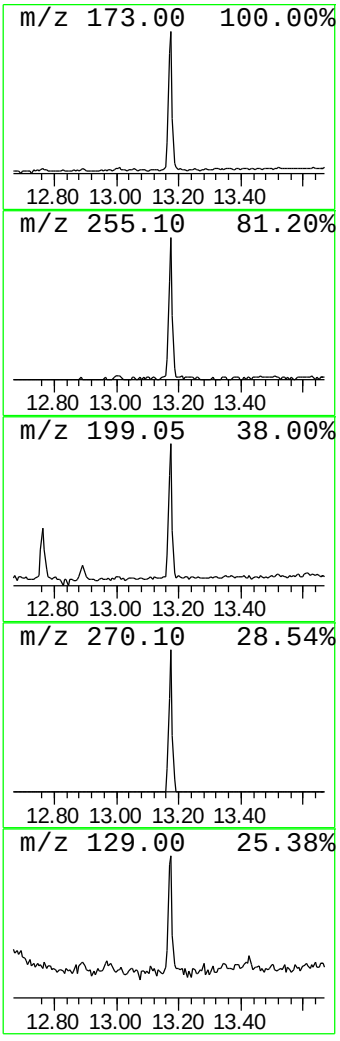
Peak Number 7 unknown13.17 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	4.15 ng	154757	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,2,3,4,4a,9,10,10...	270	C20H30	019407-28-4	43
2	2(1H)-Quinolinone, 4,8-dimethyl-	173	C11H11NO	1000351-64-0	35
3	Iron, (.eta.-5-cyclohexadienyl)(...	270	C16H22Fe	1000162-99-3	30
4	5,7-Dihydroxy-2-methyl-2-phenyl-...	270	C16H14O4	108838-42-2	30
5	5-tert-Butyl-2,2'-dimethoxy-biph...	270	C18H22O2	1000318-04-7	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116461.D
Acq On : 21 Aug 2019 13:14
Operator : HP/JU
Sample : K4421-11 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUNSET-PARK-SB-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

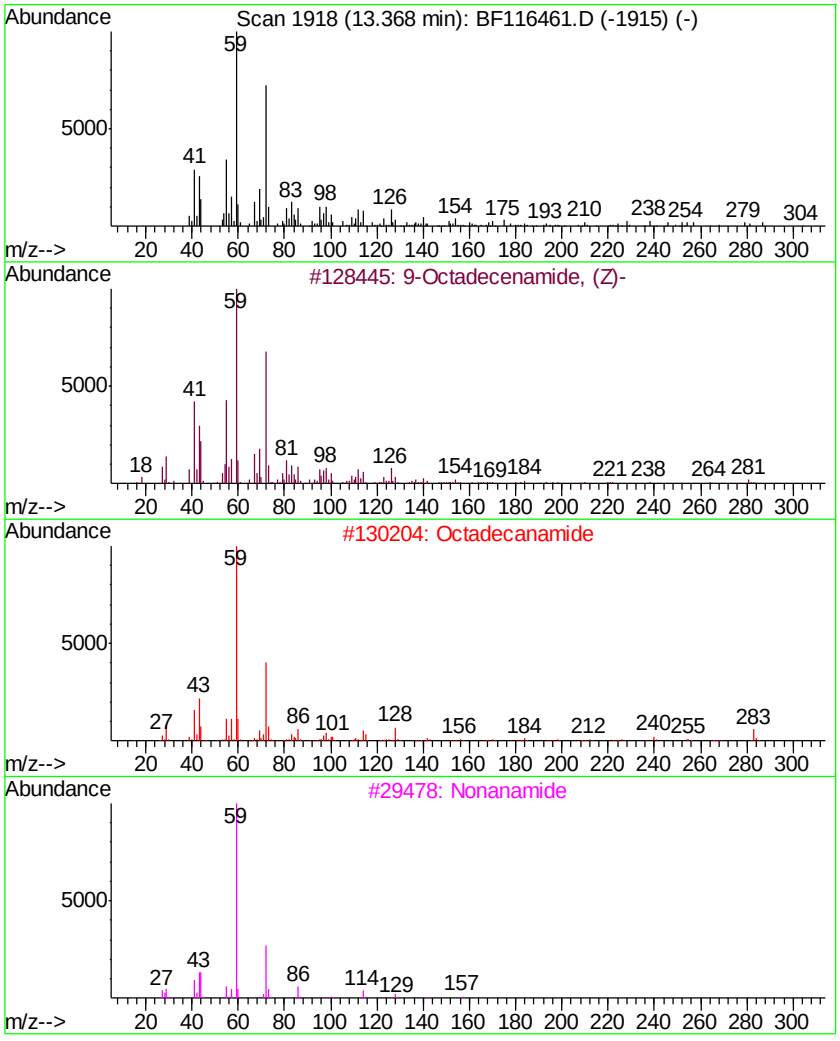
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

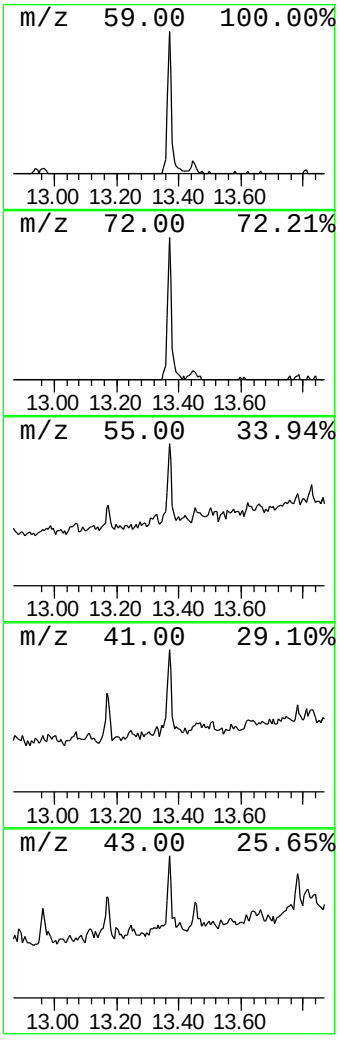
****

Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	3.50 ng	130704	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	Octadecanamide	283	C18H37NO	000124-26-5	72
3	Nonanamide	157	C9H19NO	001120-07-6	58
4	Octanamide	143	C8H17NO	000629-01-6	53
5	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	50





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Data File : BF116461.D
Acq On : 21 Aug 2019 13:14
Operator : HP/JU
Sample : K4421-11 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUNSET-PARK-SB-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

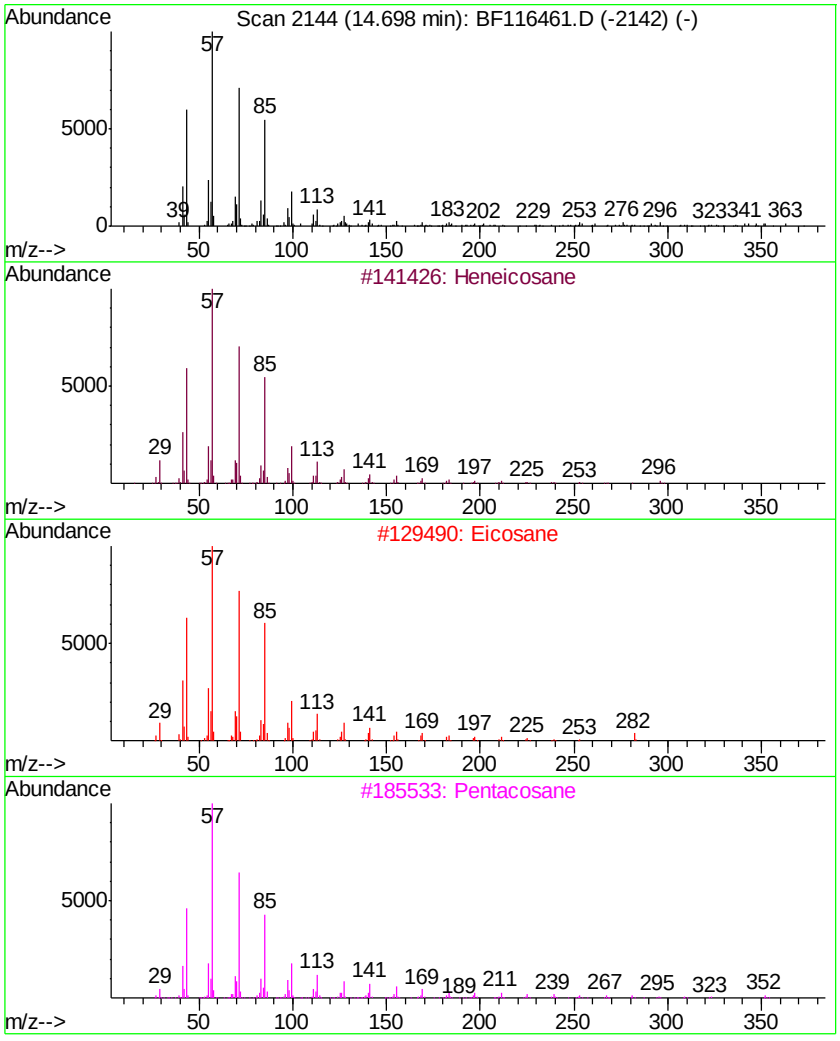
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

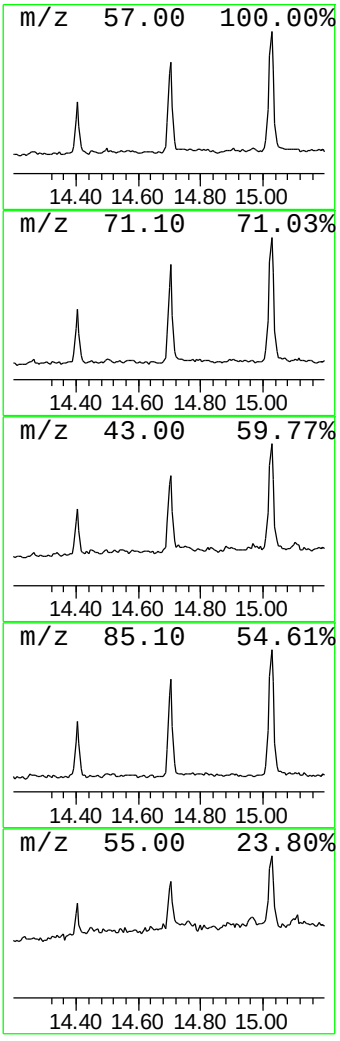
****

Peak Number 9 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	4.29 ng	155318	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Eicosane	282	C20H42	000112-95-8	94
3	Pentacosane	352	C25H52	000629-99-2	93
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
5	Hexacosane	366	C26H54	000630-01-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082119\
Data File : BF116461.D
Acq On : 21 Aug 2019 13:14
Operator : HP/JU
Sample : K4421-11 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUNSET-PARK-SB-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

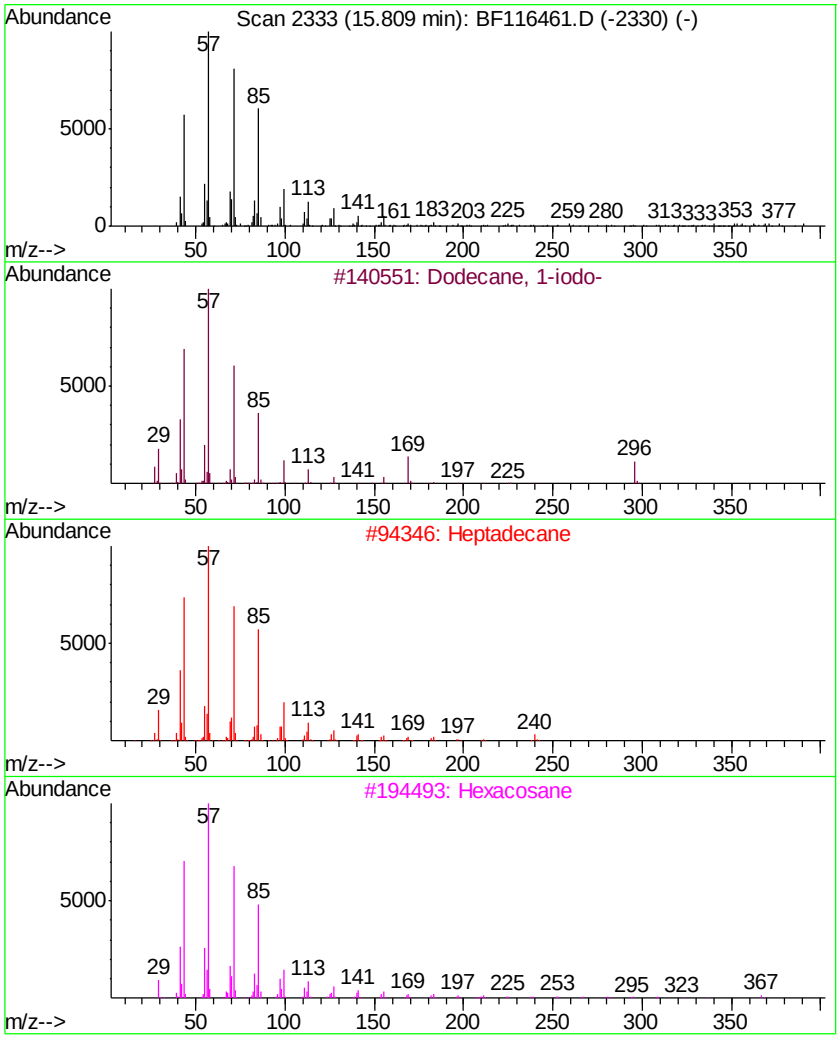
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

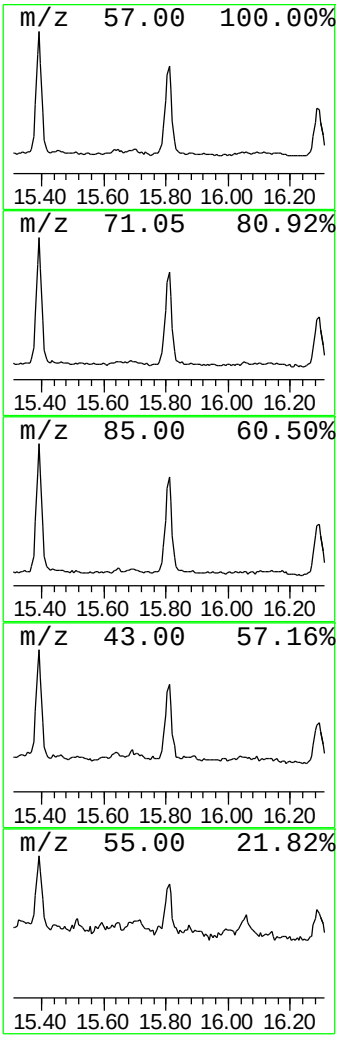
****

Peak Number 10 Dodecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	6.38 ng	231127	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	93
2	Heptadecane	240	C17H36	000629-78-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082119\
Data File : BF116461.D
Acq On : 21 Aug 2019 13:14
Operator : HP/JU
Sample : K4421-11 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUNSET-PARK-SB-2-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
unknown6.58	6.58	13.9	ng	351152	1	6.79	506643	20.0
o-Cymene	6.87	3.7	ng	92999	1	6.79	506643	20.0
n-Hexadecanoic acid	11.84	4.0	ng	168646	4	11.32	846122	20.0
4b,8-Dimethyl-2-i...	12.25	9.9	ng	418004	4	11.32	846122	20.0
Octadecanoic acid	12.62	9.6	ng	406909	4	11.32	846122	20.0
unknown13.17	13.17	4.2	ng	154757	5	13.96	746630	20.0
9-Octadecenamide,...	13.37	3.5	ng	130704	5	13.96	746630	20.0
Heneicosane	14.70	4.3	ng	155318	6	15.42	724772	20.0
Dodecane, 1-iodo-	15.81	6.4	ng	231127	6	15.42	724772	20.0