LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115258.D
Acq On : 28 Jun 2019 2:14
Operator : HP/JU
Sample : K3157-15 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-062619-C

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-BF062119.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	4.419	418	422	426	rBV	60633	74558	2.49%	0.202%
2	5.190	549	553	556	rBV	2331337	2103127	70.35%	5.692%
3	6.237	727	731	734	rBV	2381630	2248183	75.20%	6.084%
4	6.266	734	736	741	rVB	67952	62973	2.11%	0.170%
5	6.366	749	753	756	rBV	2740733	2405612	80.46%	6.510%
6	6.601	789	793	796	rBV	1539230	1383908	46.29%	3.745%
7	6.754	815	819	822	rBV	2409576	1900165	63.56%	5.143%
8	7.154	883	887	890	rBV	1753427	1426999	47.73%	3.862%
9	7.401	927	929	935	rVB2	49475	49793	1.67%	0.135%
10	7.878	1007	1010	1017	rBV	2283343	1866157	62.42%	5.050%
11	8.589	1127	1131	1135	rVB	45534	39366	1.32%	0.107%
12	8.954	1189	1193	1196	rBV	3693728	2798521	93.60%	7.574%
13	9.054	1207	1210	1213	rVB	50507	38971	1.30%	0.105%
14	9.213	1234	1237	1240	rBV	34459	43144	1.44%	0.117%
15	9.289	1244	1250	1252	rBV	48759	55344	1.85%	0.150%
16	9.348	1257	1260	1263	rBV	548408	438135	14.65%	1.186%
17	9.484	1280	1283	1286	rBV	103339	88624	2.96%	0.240%
18	9.584	1297	1300	1303	rBV	59844	47718	1.60%	0.129%
19	9.625	1303	1307	1310	rVV	2642926	2165887	72.44%	5.862%
20	9.654	1310	1312	1316	rVB	99065	81848	2.74%	0.222%
21	9.825	1336	1341	1346	rBV	68692	82546	2.76%	0.223%
22	9.901	1351	1354	1357	rVB2	40134	44848	1.50%	0.121%
23	9.942	1357	1361	1364	rBV3	36553	45722	1.53%	0.124%
24	10.078	1381	1384	1388	rVB2	75243	61676	2.06%	0.167%
25	10.136	1388	1394	1396	rBV7	25963	37990	1.27%	0.103%
26	10.166	1396	1399	1402	rBV	123647	99231	3.32%	0.269%
27	10.401	1435	1439	1445	rBV	2223202	1913272	63.99%	5.178%
28	10.548	1458	1464	1470	rVB3	87793	128578	4.30%	0.348%
29	10.742	1494	1497	1500	rBV2	35700	38614	1.29%	0.105%
30	10.995	1537	1540	1543	rVB2	116504	101265	3.39%	0.274%
31	11.025	1543	1545	1549	rVB	49390	42212	1.41%	0.114%
32	11.095	1553	1557	1559	rBV	2826403	2326351	77.81%	6.296%
33	11.119	1559	1561	1564	rVV	826446	593938	19.87%	1.607%
34	11.166	1566	1569	1573	rVB	206883	191619	6.41%	0.519%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115258.D
Acq On : 28 Jun 2019 2:14
Operator : HP/JU
Sample : K3157-15 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-062619-C

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-BF062119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.207	1573	1576	1580	rBV4	27813	38660	1.29%	0.105%
36	11.425	1610	1613	1617	rVB2	109880	115249	3.85%	0.312%
37	11.513	1625	1628	1631	rVB2	162937	152927	5.12%	0.414%
38	11.595	1639	1642	1644	rBV	141685	113286	3.79%	0.307%
39	11.625	1644	1647	1648	rVV	170865	140552	4.70%	0.380%
40	11.642	1648	1650	1653	rVV	252964	252255	8.44%	0.683%
41	11.701	1657	1660	1663	rVV	234853	257940	8.63%	0.698%
42	11.725	1663	1664	1667	rVB	108332	81978	2.74%	0.222%
43	11.825	1678	1681	1686	rBV2	110109	106069	3.55%	0.287%
44	11.889	1690	1692	1694	rBV	89211	86052	2.88%	0.233%
45	12.019	1712	1714	1716	rBV	44819	39391	1.32%	0.107%
46	12.072	1720	1723	1724	rBV2	51370	46099	1.54%	0.125%
47	12.142	1732	1735	1738	rBV	140317	144051	4.82%	0.390%
48	12.177	1738	1741	1742	rBV2	75481	78686	2.63%	0.213%
49	12.195	1742	1744	1746	rVV2	473326	380834	12.74%	1.031%
50	12.219	1746	1748	1750	rVB2	493710	388916	13.01%	1.053%
51	12.295	1758	1761	1768	rVB	980156	874603	29.25%	2.367%
52	12.354	1768	1771	1775	rBV4	79399	129963	4.35%	0.352%
53	12.430	1781	1784	1786	rBV3	116473	147567	4.94%	0.399%
54	12.525	1795	1800	1802	rBV	896887	939455	31.42%	2.543%
55	12.548	1802	1804	1807	rVV3	68962	79227	2.65%	0.214%
56	12.583	1808	1810	1814	rVB2	105144	123040	4.12%	0.333%
57	12.677	1822	1826	1829	rBV	3561389	2989725	100.00%	8.091%
58	12.919	1865	1867	1869	rBV	122087	102102	3.42%	0.276%
59	12.954	1871	1873	1876	rVV	104564	91349	3.06%	0.247%
60	13.713	1998	2002	2005	rBV2	2072869	2389935	79.94%	6.468%
61	13.742	2005	2007	2009	rVB	349001	266460	8.91%	0.721%
62	15.083	2231	2235	2239	rVB	1236699	1366689	45.71%	3.699%

Sum of corrected areas: 36949955

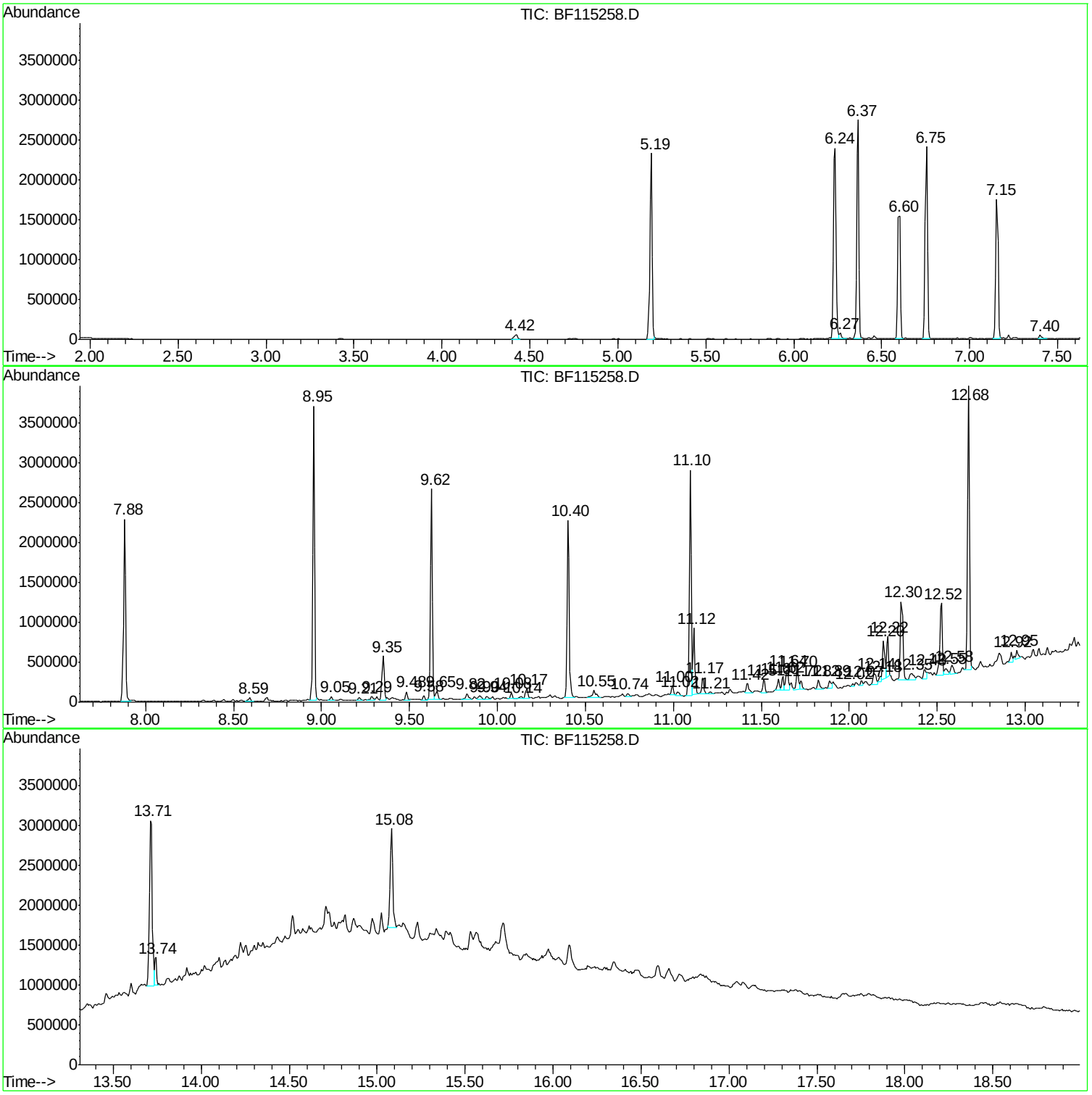
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115258.D
Acq On : 28 Jun 2019 2:14
Operator : HP/JU
Sample : K3157-15 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-062619-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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\BF062719\
Data File : BF115258.D
Acq On : 28 Jun 2019 2:14
Operator : HP/JU
Sample : K3157-15 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-062619-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

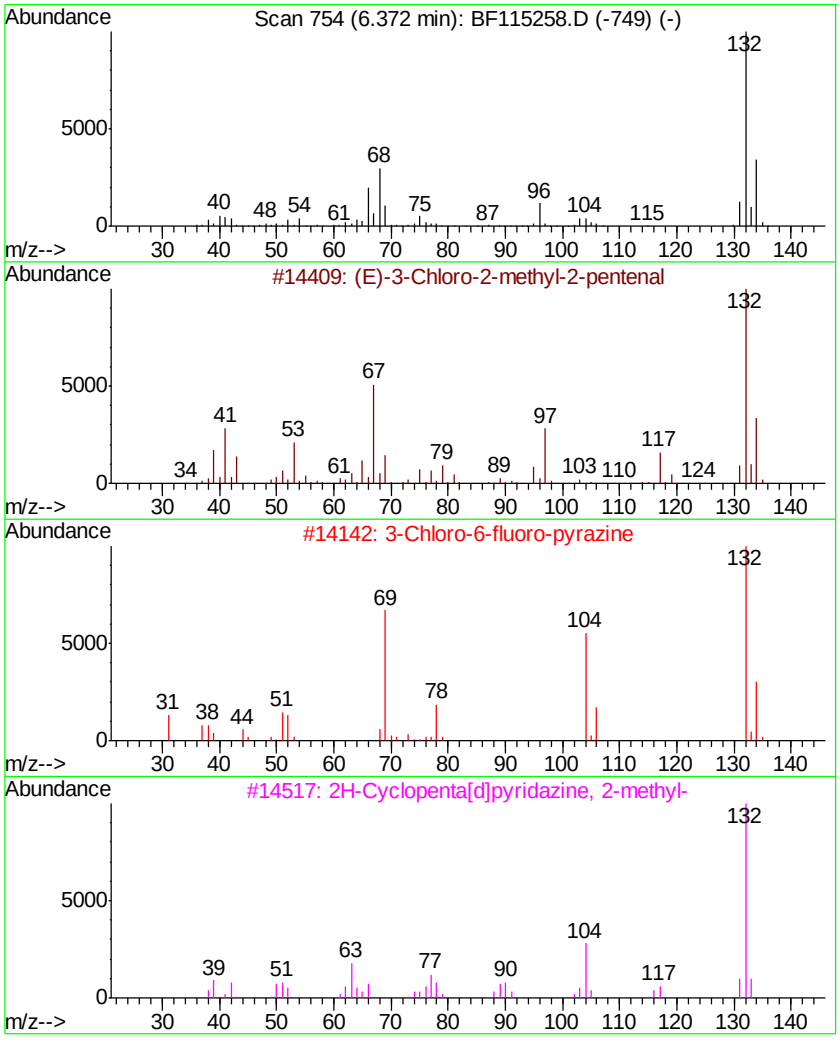
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

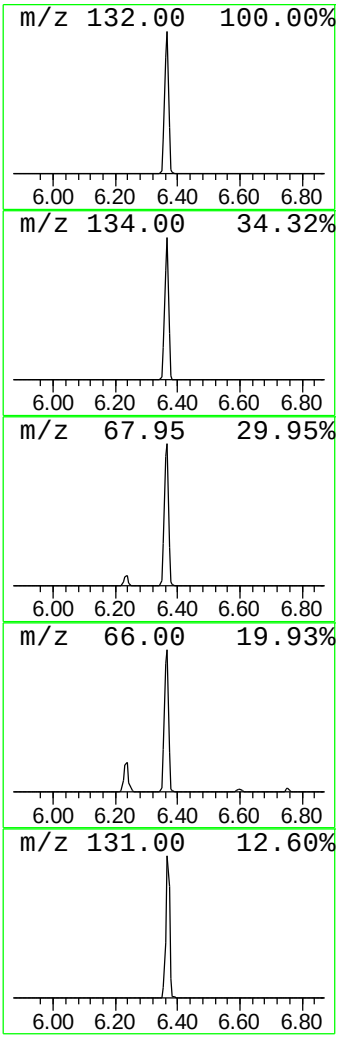
****

Peak Number 1 unknown6.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	34.77 ng	2405610	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115258.D
Acq On : 28 Jun 2019 2:14
Operator : HP/JU
Sample : K3157-15 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-062619-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

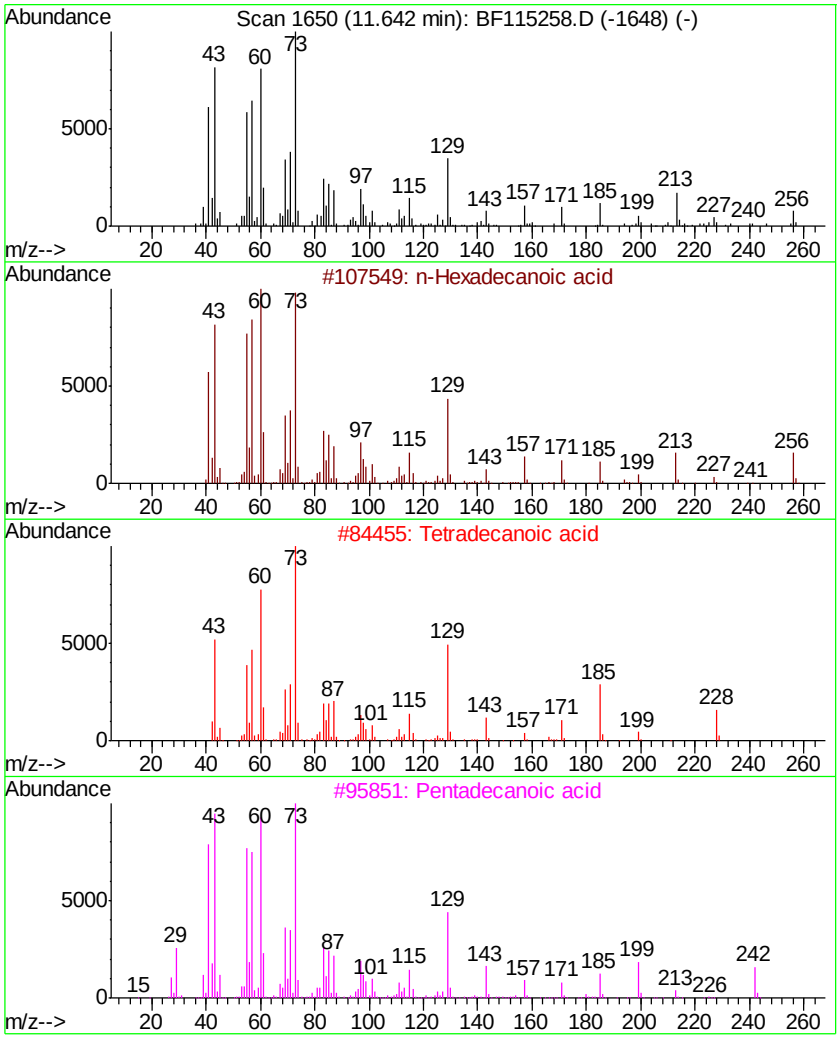
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

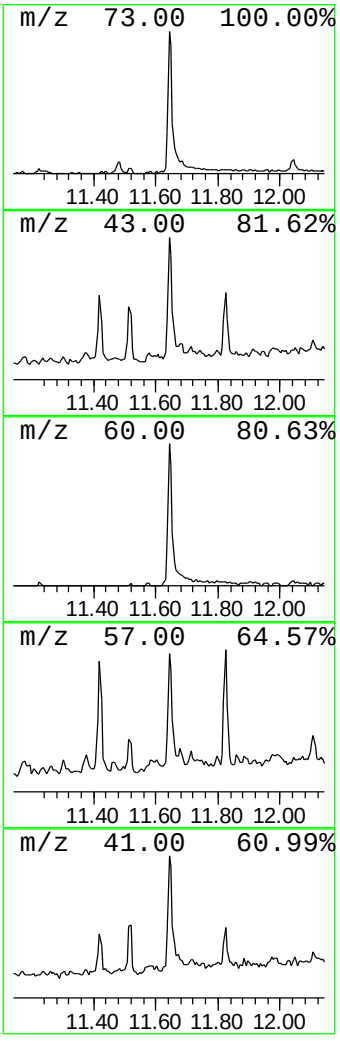
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	2.17 ng	252255	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115258.D
Acq On : 28 Jun 2019 2:14
Operator : HP/JU
Sample : K3157-15 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-062619-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

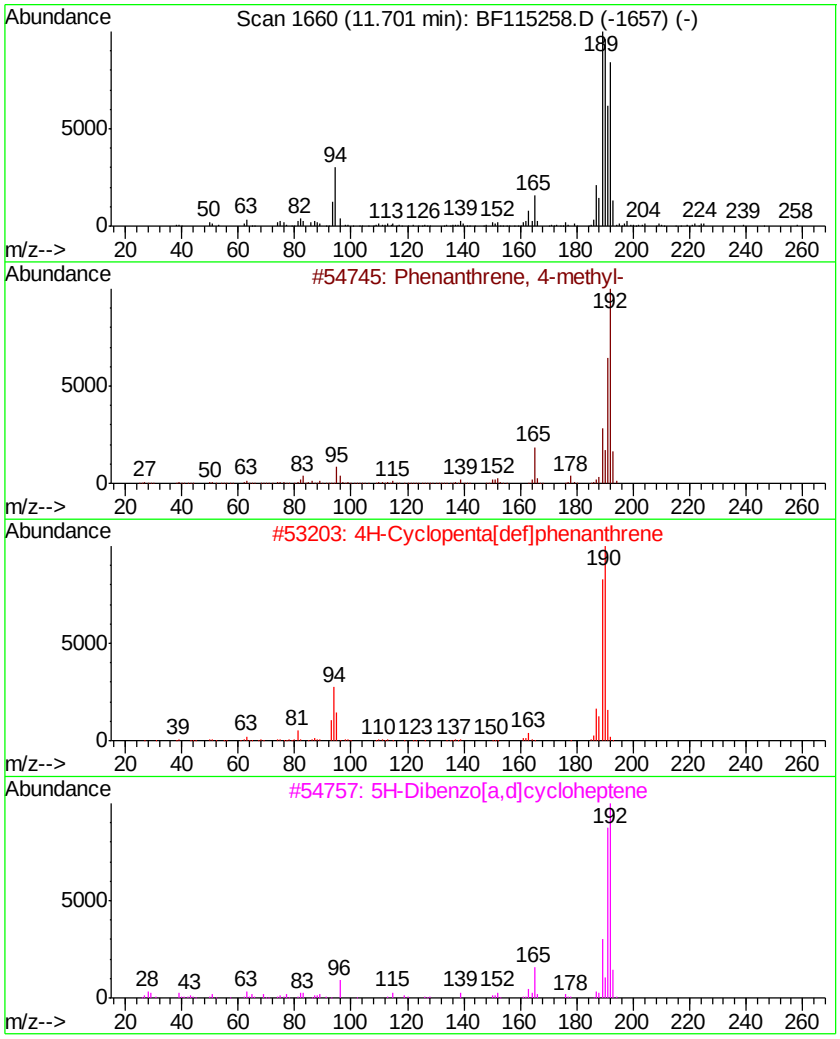
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

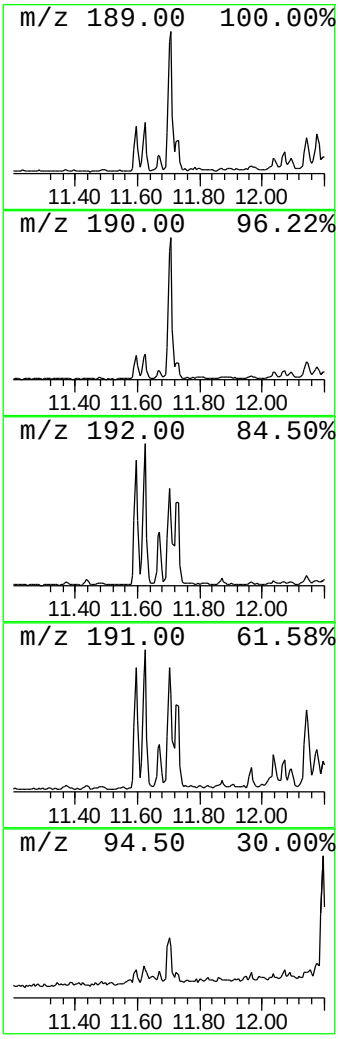
****

Peak Number 4 Phenanthrene, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	2.22 ng	257940	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	78
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115258.D
Acq On : 28 Jun 2019 2:14
Operator : HP/JU
Sample : K3157-15 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-062619-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

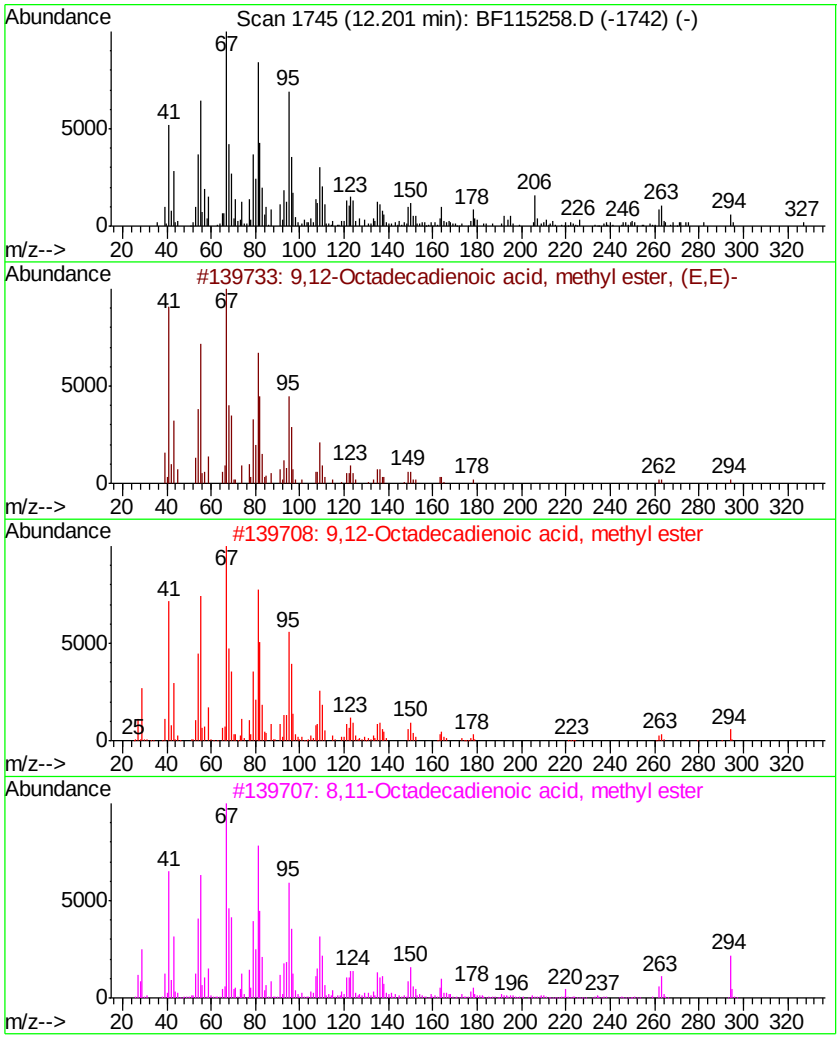
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

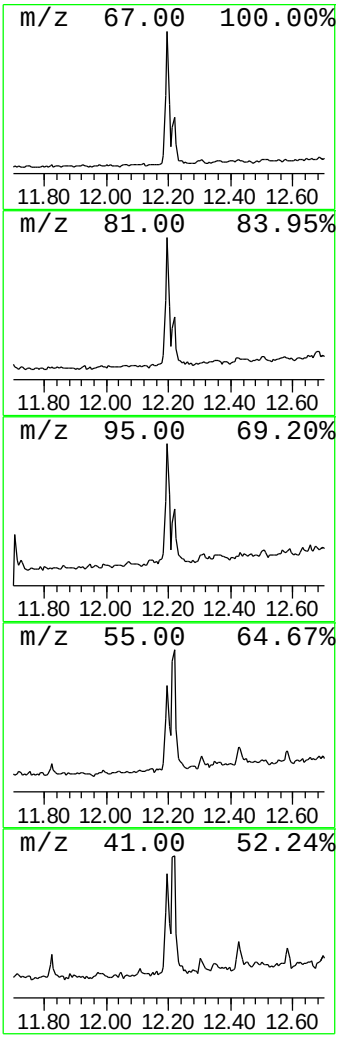
****

Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	3.27 ng	380834	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115258.D
Acq On : 28 Jun 2019 2:14
Operator : HP/JU
Sample : K3157-15 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-062619-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

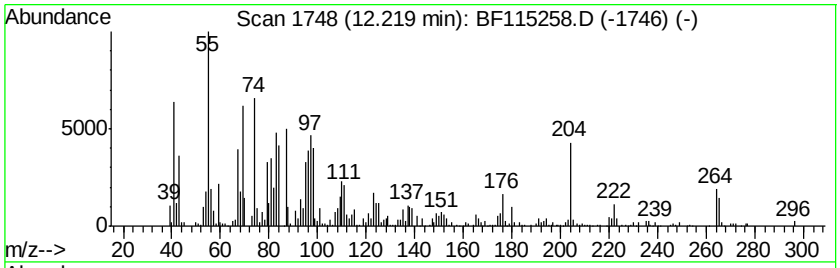
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

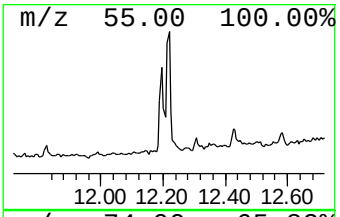
****

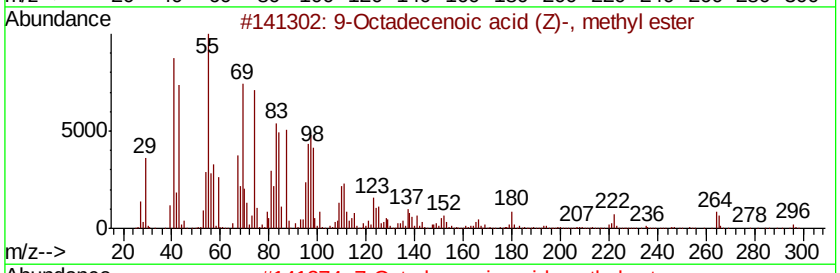
Peak Number 6 9-Octadecenoic acid (Z)-, m... Concentration Rank 3

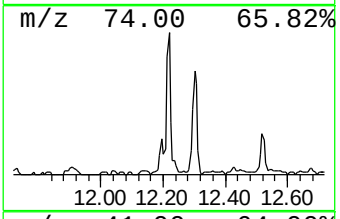
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	3.34 ng	388916	Phenanthrene-d10	11.10

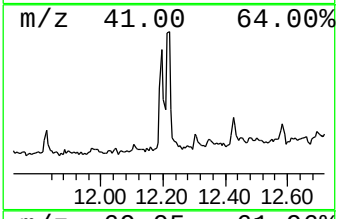
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	99
3	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
4	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
5	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99

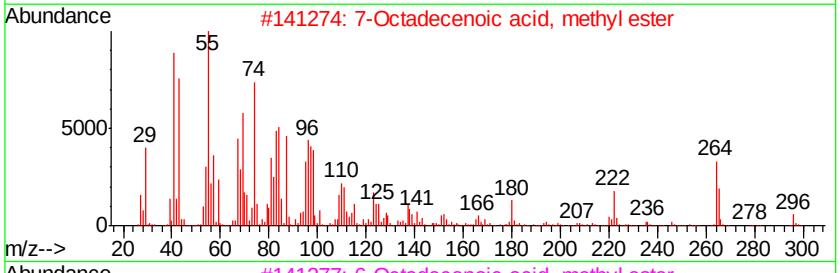


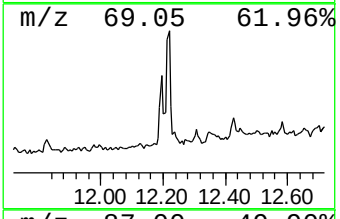


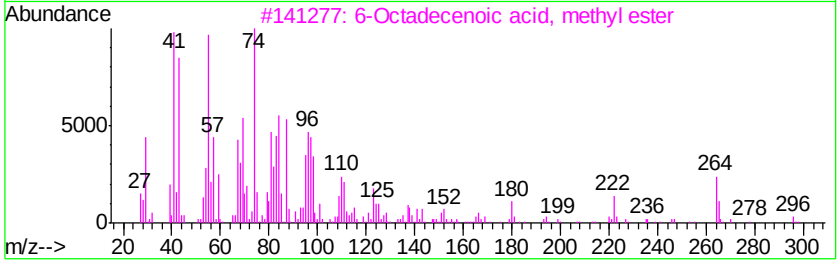


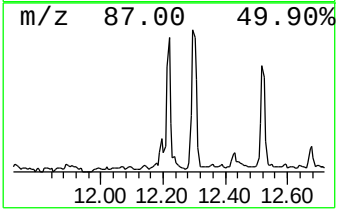












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062719\
Data File : BF115258.D
Acq On : 28 Jun 2019 2:14
Operator : HP/JU
Sample : K3157-15 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-062619-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.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
unknown6.37	6.37	34.8	ng	2405610	1	6.60	1383910	20.0
n-Hexadecanoic acid	11.64	2.2	ng	252255	4	11.10	2326350	20.0
Phenanthrene, 4-m...	11.70	2.2	ng	257940	4	11.10	2326350	20.0
9,12-Octadecadien...	12.20	3.3	ng	380834	4	11.10	2326350	20.0
9-Octadecenoic ac...	12.22	3.3	ng	388916	4	11.10	2326350	20.0