LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119315.D
Acq On : 10 Mar 2020 14:24
Operator : CG/JU
Sample : L1778-07 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DN2

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-BF022020.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	4.916	477	481	489	rBV	87544	120357	6.29%	0.500%
2	5.357	552	556	573	rBV	774193	1098250	57.38%	4.562%
3	6.381	727	730	752	rBV	851583	1105914	57.78%	4.594%
4	6.722	785	788	795	rBV	865943	747675	39.06%	3.106%
5	6.881	811	815	824	rBV	1139592	1039404	54.30%	4.317%
6	7.287	881	884	896	rBV	730829	745206	38.93%	3.095%
7	8.004	1003	1006	1012	rBV	1104358	940435	49.13%	3.906%
8	9.081	1185	1189	1198	rBV	1565281	1495501	78.13%	6.212%
9	9.422	1243	1247	1251	rBV6	12921	21753	1.14%	0.090%
10	9.481	1251	1257	1261	rVV	78805	91163	4.76%	0.379%
11	9.622	1279	1281	1285	rBV	29011	23229	1.21%	0.096%
12	9.757	1300	1304	1308	rBV	1239297	1043717	54.53%	4.335%
13	9.786	1308	1309	1314	rVB2	36697	33973	1.77%	0.141%
14	9.969	1335	1340	1344	rBV4	21059	32505	1.70%	0.135%
15	10.310	1394	1398	1402	rVB	27113	27826	1.45%	0.116%
16	10.551	1435	1439	1450	rVB	789879	764552	39.94%	3.176%
17	10.675	1455	1460	1462	rBV5	23349	36684	1.92%	0.152%
18	10.857	1487	1491	1494	rBV4	20186	29021	1.52%	0.121%
19	10.916	1497	1501	1504	rBV4	21489	35173	1.84%	0.146%
20	11.104	1529	1533	1535	rVV3	22732	30422	1.59%	0.126%
21	11.145	1537	1540	1544	rVB2	26317	29364	1.53%	0.122%
22	11.245	1553	1557	1559	rBV	1043871	953805	49.83%	3.962%
23	11.269	1559	1561	1565	rVV	462591	397650	20.77%	1.652%
24	11.322	1567	1570	1573	rVV	153756	137624	7.19%	0.572%
25	11.363	1573	1577	1583	rVB4	16468	35460	1.85%	0.147%
26	11.486	1593	1598	1603	rBV3	43095	71293	3.72%	0.296%
27	11.533	1603	1606	1609	rVB	34131	27356	1.43%	0.114%
28	11.627	1619	1622	1624	rBV3	17894	21146	1.10%	0.088%
29	11.745	1639	1642	1644	rBV	73031	85256	4.45%	0.354%
30	11.775	1644	1647	1653	rVV2	374960	431658	22.55%	1.793%
31	11.822	1653	1655	1658	rVV	56294	63744	3.33%	0.265%
32	11.857	1658	1661	1664	rVV	133898	151828	7.93%	0.631%
33	11.880	1664	1665	1671	rVB	55984	40836	2.13%	0.170%
34	11.939	1672	1675	1678	rVV3	39875	47917	2.50%	0.199%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1778-07 2X
Misc :
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Instrument : BNA_F
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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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.980	1680	1682	1687	rVB6	16371	19870	1.04%	0.083%
36	12.039	1689	1692	1694	rVV	62223	52077	2.72%	0.216%
37	12.086	1697	1700	1703	rBV2	42398	42123	2.20%	0.175%
38	12.292	1732	1735	1738	rBV	61627	70694	3.69%	0.294%
39	12.392	1748	1752	1755	rBV2	65569	88984	4.65%	0.370%
40	12.457	1760	1763	1769	rVV	1418884	1304340	68.14%	5.418%
41	12.522	1772	1774	1775	rVV2	37104	31674	1.65%	0.132%
42	12.557	1775	1780	1786	rVV	408116	577919	30.19%	2.401%
43	12.610	1786	1789	1792	rVV	84716	108849	5.69%	0.452%
44	12.686	1796	1802	1808	rVV	1258787	1362551	71.19%	5.660%
45	12.739	1808	1811	1816	rVB2	54540	65952	3.45%	0.274%
46	12.822	1821	1825	1829	rVV	1221004	1095156	57.22%	4.549%
47	12.857	1829	1831	1836	rVB	49271	53753	2.81%	0.223%
48	12.910	1836	1840	1845	rBV2	77084	130850	6.84%	0.544%
49	12.998	1851	1855	1856	rBV2	79557	100052	5.23%	0.416%
50	13.016	1856	1858	1861	rVB	124731	110382	5.77%	0.458%
51	13.080	1867	1869	1872	rBV	56458	45490	2.38%	0.189%
52	13.121	1872	1876	1882	rVV3	119351	168211	8.79%	0.699%
53	13.216	1889	1892	1894	rBV	61576	61164	3.20%	0.254%
54	13.245	1894	1897	1907	rVB3	73474	119592	6.25%	0.497%
55	13.533	1943	1946	1952	rBV	128122	149330	7.80%	0.620%
56	13.639	1961	1964	1966	rBV2	138827	155328	8.11%	0.645%
57	13.692	1970	1973	1974	rBV	99281	97018	5.07%	0.403%
58	13.745	1980	1982	1988	rVB	170030	162261	8.48%	0.674%
59	13.880	1998	2005	2009	rBV2	1140264	1914089	100.00%	7.951%
60	13.910	2009	2010	2014	rVB	631095	539749	28.20%	2.242%
61	13.992	2022	2024	2027	rVB	125549	100807	5.27%	0.419%
62	14.274	2070	2072	2075	rVB	123937	105008	5.49%	0.436%
63	14.915	2177	2181	2183	rBV	688760	937819	49.00%	3.895%
64	15.021	2196	2199	2202	rVB	136165	149033	7.79%	0.619%
65	15.204	2226	2230	2234	rBV	352698	406419	21.23%	1.688%
66	15.263	2237	2240	2244	rVB	492041	529733	27.68%	2.200%
67	15.321	2246	2250	2253	rVV	452459	525192	27.44%	2.182%
68	16.739	2486	2491	2498	rVB2	221605	430434	22.49%	1.788%
69	17.162	2560	2563	2573	rVB	145521	305049	15.94%	1.267%

Sum of corrected areas: 24074649

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
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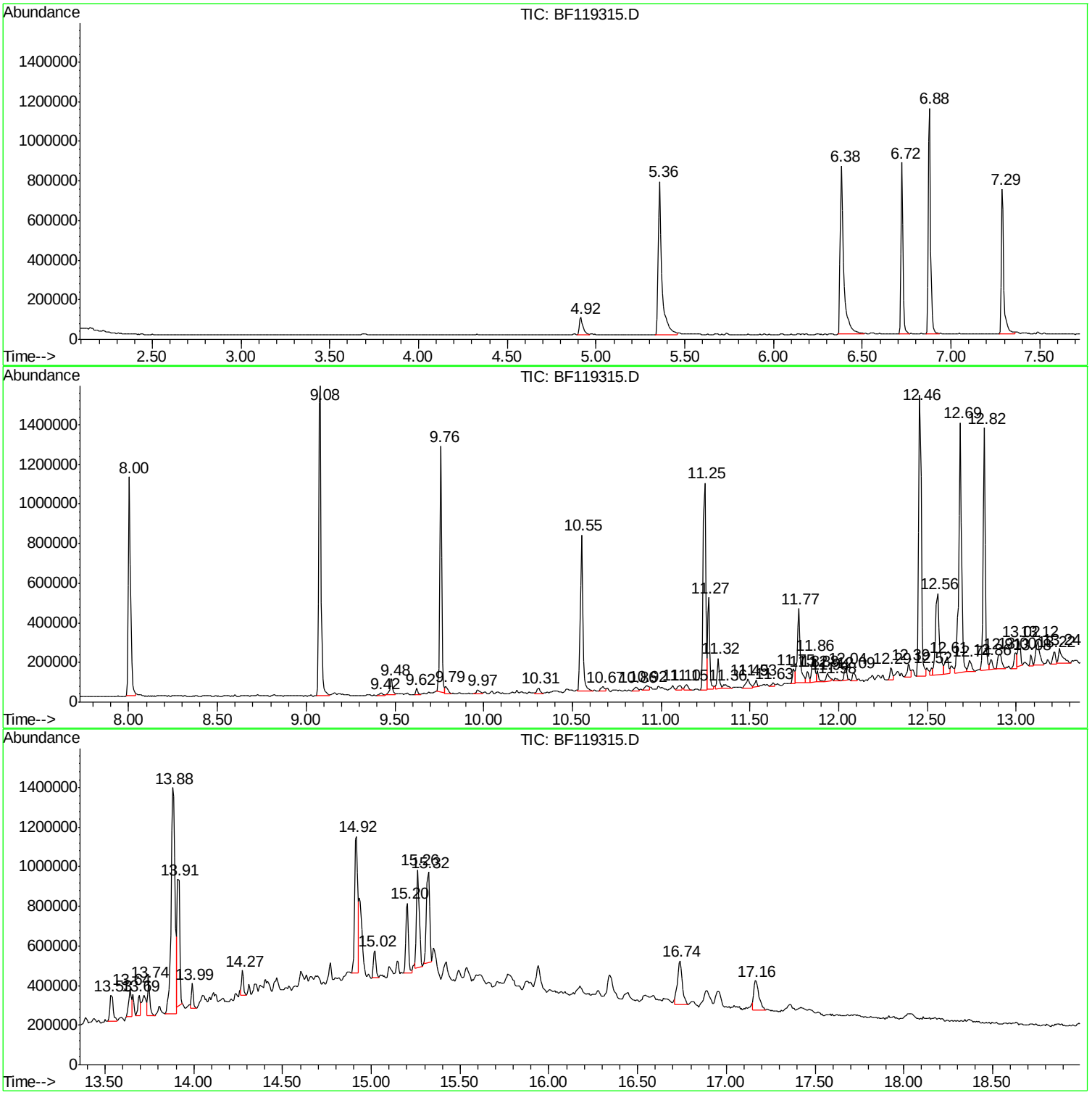
Acq On : 10 Mar 2020 14:24
Operator : CG/JU
Sample : L1778-07 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DN2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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\BF031020\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

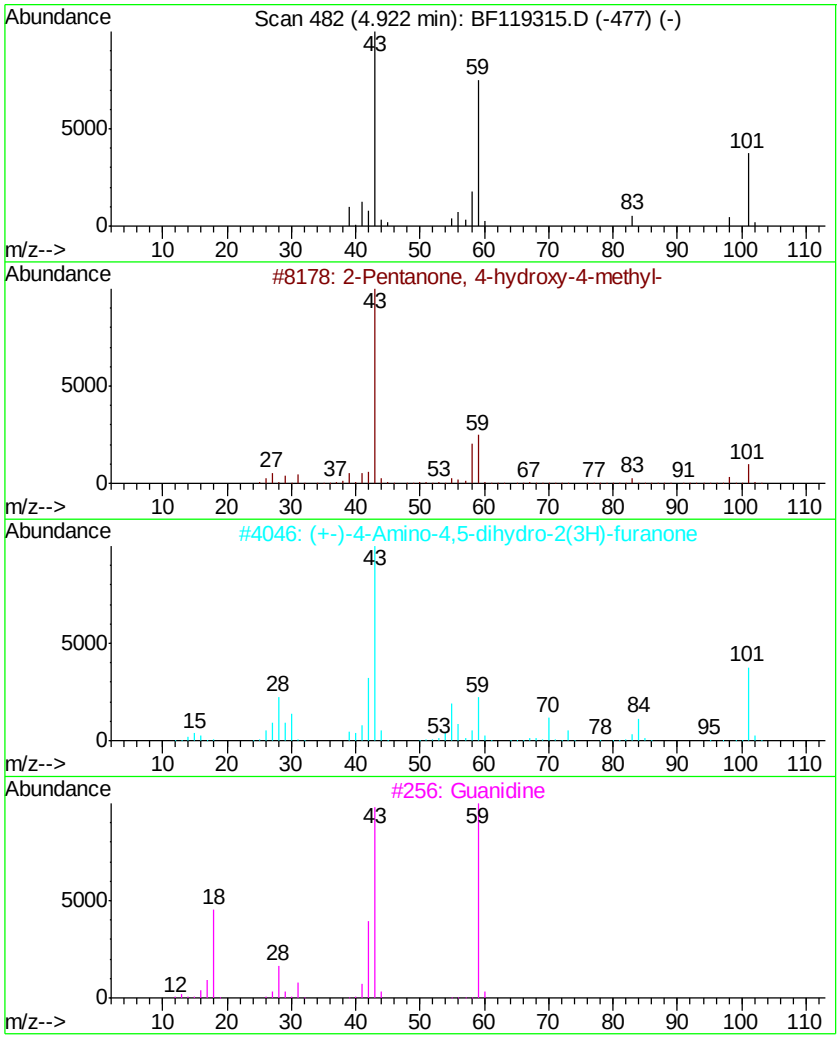
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

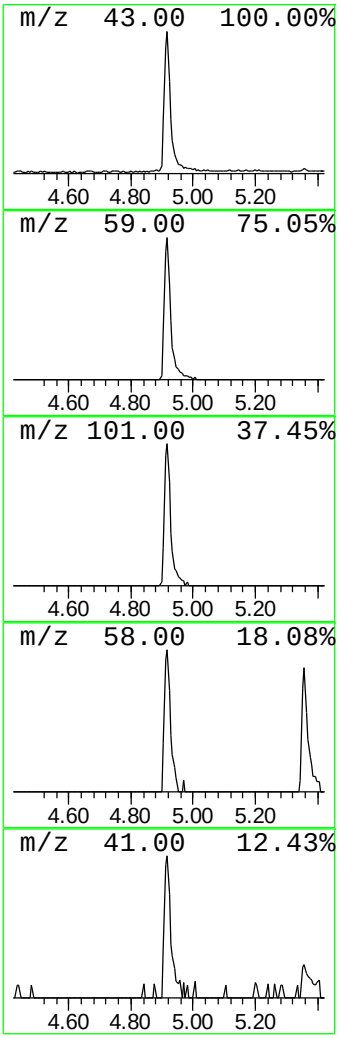
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	3.22 ng	120357	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Guanidine	59	CH5N3	000113-00-8	43
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	16





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119315.D
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Sample : L1778-07 2X
Misc :
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Instrument : BNA_F
ClientSampleId : DN2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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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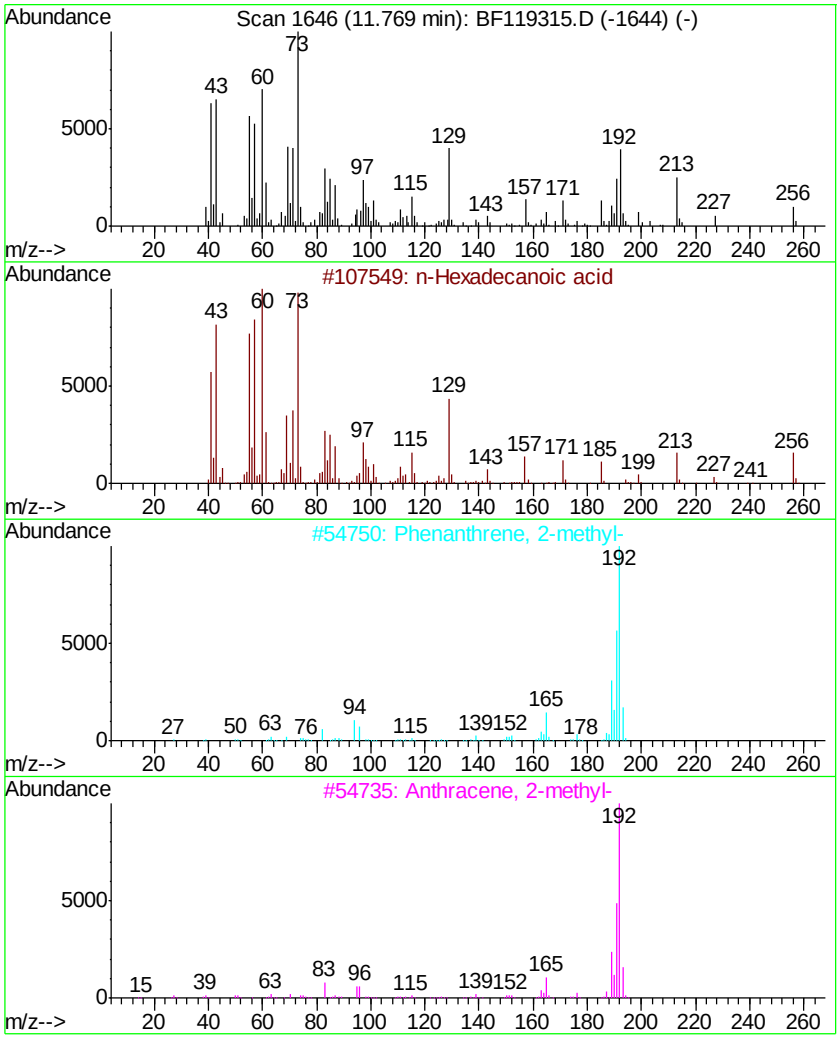
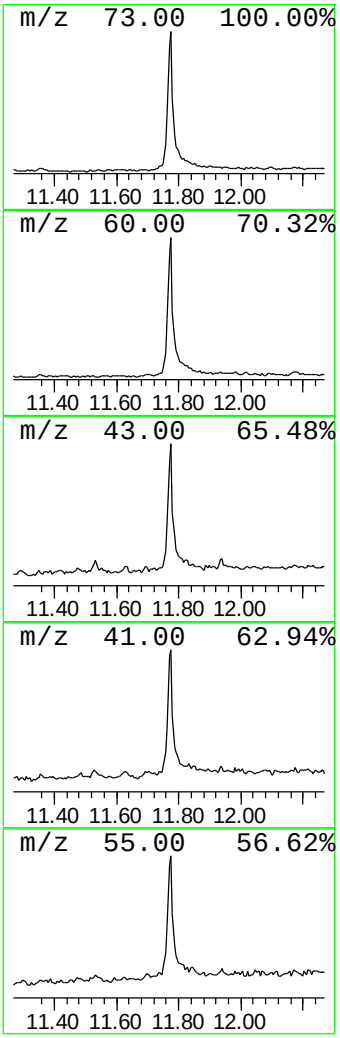
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	9.05 ng	431658	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119315.D
Acq On : 10 Mar 2020 14:24
Operator : CG/JU
Sample : L1778-07 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DN2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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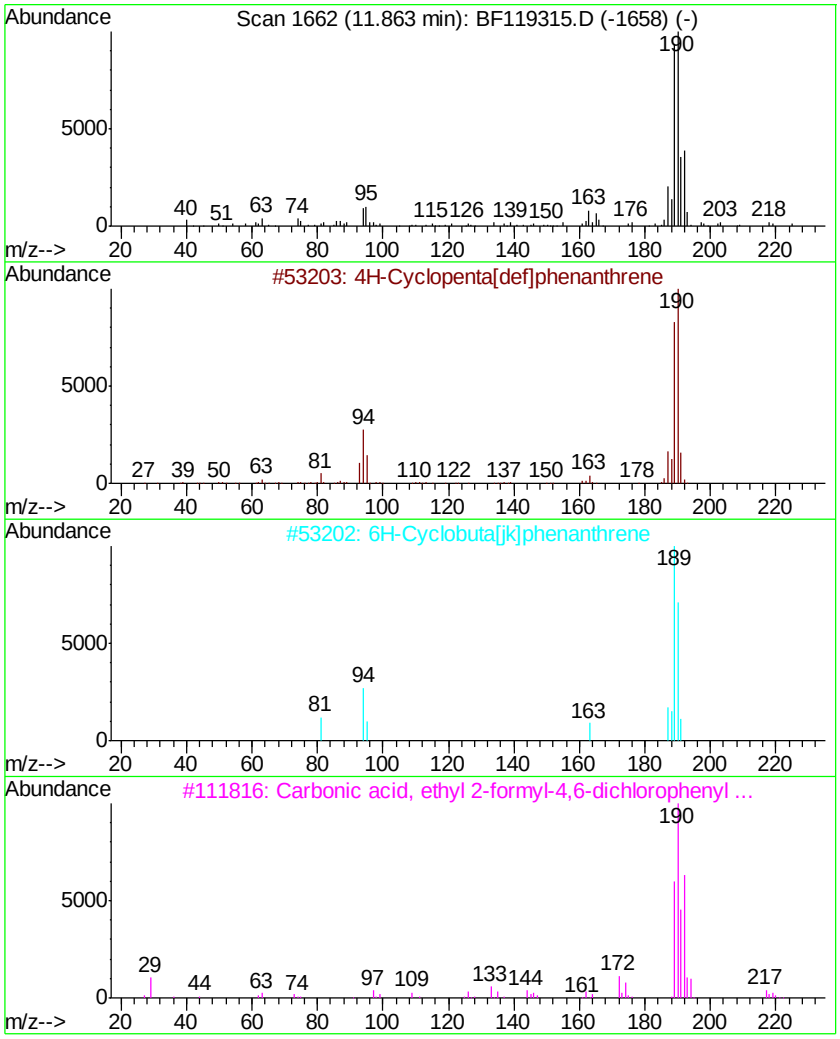
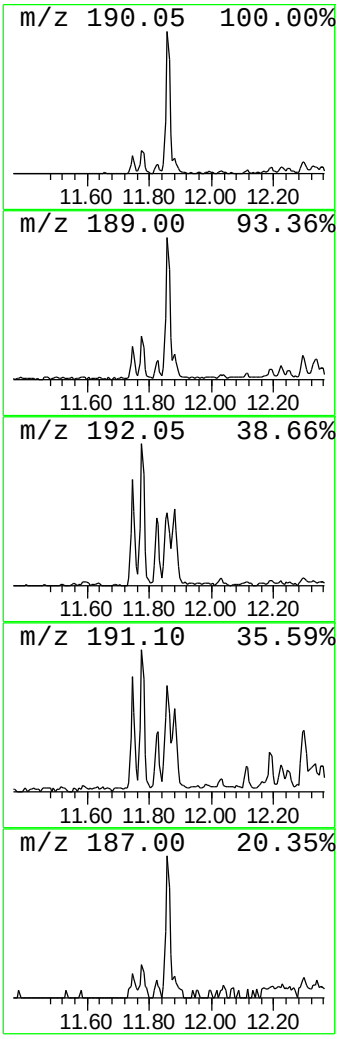
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.18 ng	151828	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
5	Carbonic acid, butyl 2-formyl-4,...	290	C12H12Cl2O4	1000331-42-2	35





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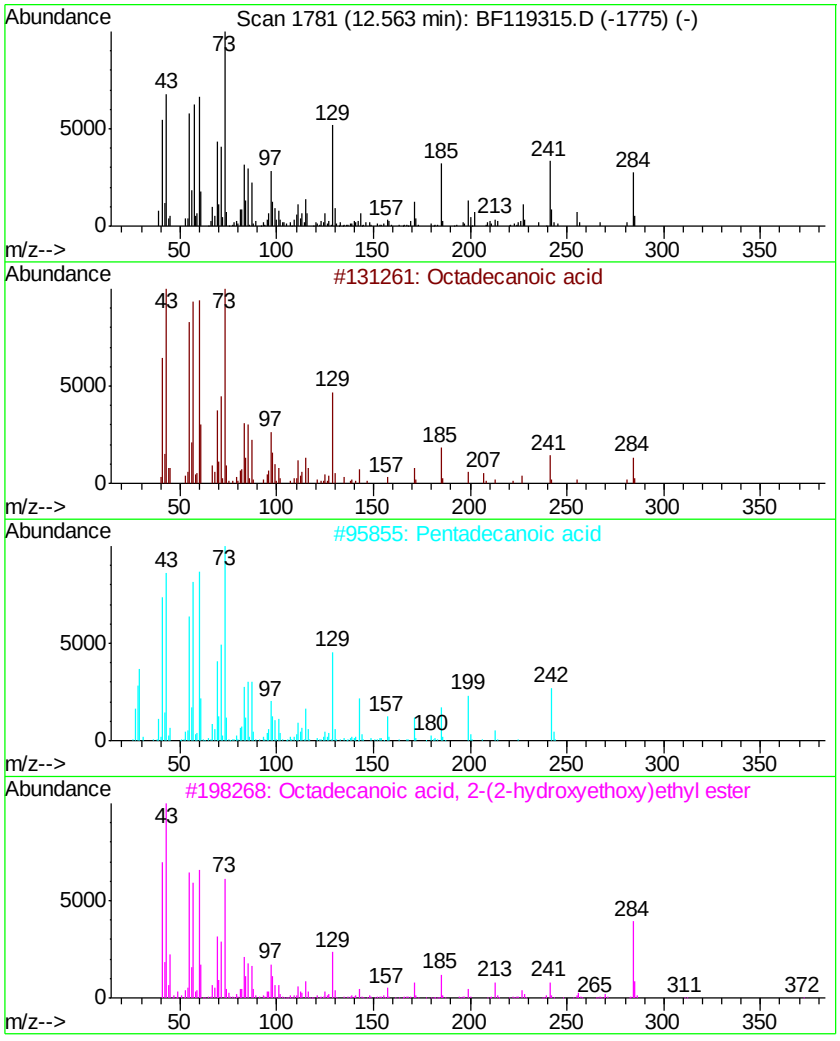
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

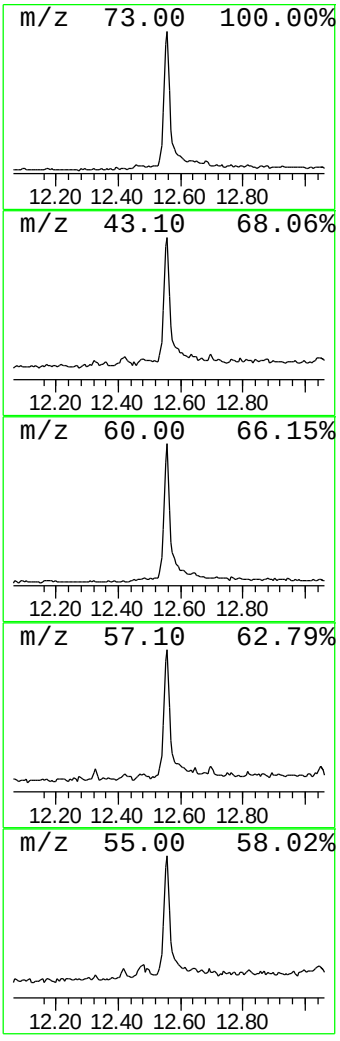
****

Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	12.12 ng	577919	Phenanthrene-d10	11.25

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	86
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	59
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : DN2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

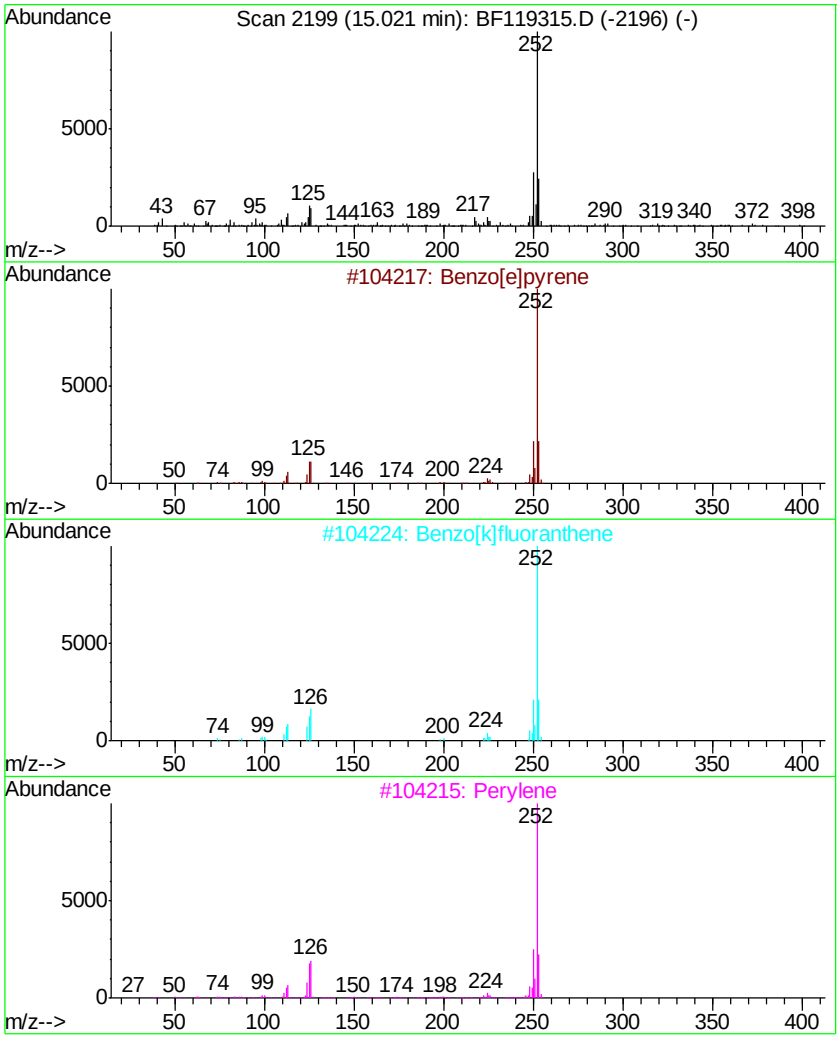
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

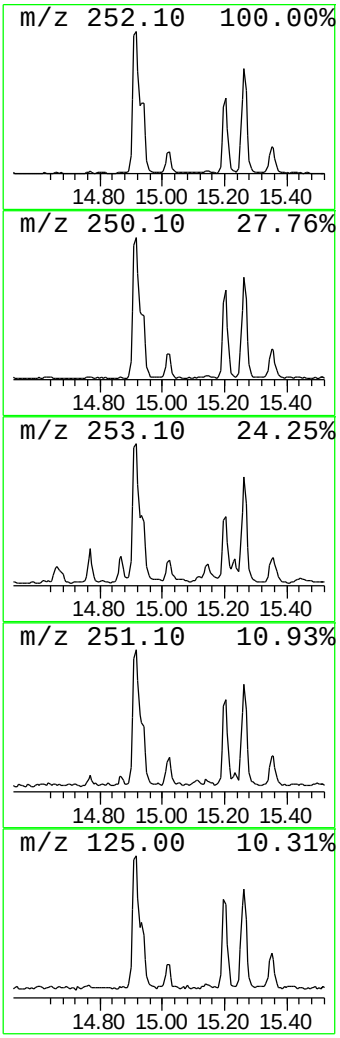
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	5.68 ng	149033	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

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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
2-Pentanone, 4-hy...	4.92	3.2	ng	120357	1	6.72	747675	20.0
n-Hexadecanoic acid	11.77	9.1	ng	431658	4	11.25	953805	20.0
4H-Cyclopenta[def...	11.86	3.2	ng	151828	4	11.25	953805	20.0
Octadecanoic acid	12.56	12.1	ng	577919	4	11.25	953805	20.0
Benzo[e]pyrene	15.02	5.7	ng	149033	6	15.32	525192	20.0