LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119181.D
Acq On : 2 Mar 2020 21:20
Operator : CG/JU
Sample : L1736-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-010-B

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	4.922	479	482	494	rBV	17029	21887	1.93%	0.169%
2	5.369	555	558	571	rBV	90904	128869	11.39%	0.997%
3	6.387	728	731	750	rBV	220445	289126	25.56%	2.237%
4	6.739	787	791	799	rBV	747505	689596	60.96%	5.335%
5	6.892	814	817	826	rBV	358737	314157	27.77%	2.430%
6	7.298	883	886	896	rBV	194472	192845	17.05%	1.492%
7	8.016	1003	1008	1012	rBV	966367	952143	84.16%	7.366%
8	8.733	1128	1130	1134	rVB	32423	23665	2.09%	0.183%
9	8.833	1143	1147	1153	rBV	37807	43635	3.86%	0.338%
10	9.092	1187	1191	1197	rBV	588864	498225	44.04%	3.854%
11	9.180	1202	1206	1207	rBV	32868	32406	2.86%	0.251%
12	9.363	1229	1237	1240	rBV	32543	47890	4.23%	0.370%
13	9.433	1245	1249	1251	rVV	56842	57427	5.08%	0.444%
14	9.457	1251	1253	1255	rVV	38343	32742	2.89%	0.253%
15	9.486	1255	1258	1262	rVV2	48182	63698	5.63%	0.493%
16	9.551	1266	1269	1273	rVB2	27059	31433	2.78%	0.243%
17	9.633	1280	1283	1289	rBV	38125	34926	3.09%	0.270%
18	9.704	1293	1295	1300	rBV	29113	24333	2.15%	0.188%
19	9.769	1300	1306	1310	rBV	1227550	1131316	100.00%	8.752%
20	9.804	1310	1312	1316	rVB	91909	81030	7.16%	0.627%
21	9.880	1321	1325	1329	rVB3	19247	23829	2.11%	0.184%
22	9.927	1329	1333	1337	rBV6	11046	21551	1.90%	0.167%
23	9.975	1337	1341	1346	rVV	67587	72784	6.43%	0.563%
24	10.016	1346	1348	1354	rVB3	26943	29376	2.60%	0.227%
25	10.092	1358	1361	1363	rBV	26041	29204	2.58%	0.226%
26	10.180	1372	1376	1377	rBV	20270	20494	1.81%	0.159%
27	10.204	1377	1380	1383	rVV2	54436	44980	3.98%	0.348%
28	10.269	1386	1391	1396	rVB7	11559	16298	1.44%	0.126%
29	10.316	1396	1399	1406	rBV	98760	113577	10.04%	0.879%
30	10.380	1406	1410	1412	rVV4	14684	21314	1.88%	0.165%
31	10.427	1416	1418	1423	rVV4	35536	41576	3.68%	0.322%
32	10.475	1423	1426	1430	rVB2	27983	31525	2.79%	0.244%
33	10.563	1435	1441	1444	rVV4	35682	56875	5.03%	0.440%
34	10.592	1444	1446	1452	rVB7	13228	23525	2.08%	0.182%

LSC Area Percent Report

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Sample : L1736-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-010-B

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

35	10.674	1457	1460	1469	rVB3	76081	120376	10.64%	0.931%
36	10.757	1469	1474	1477	rBV5	18975	28868	2.55%	0.223%
37	10.869	1488	1493	1495	rBV2	33713	42021	3.71%	0.325%
38	10.898	1495	1498	1501	rVB2	23646	26382	2.33%	0.204%
39	11.016	1517	1518	1524	rVB5	21315	16933	1.50%	0.131%
40	11.069	1524	1527	1530	rBV	39362	41273	3.65%	0.319%
41	11.122	1532	1536	1539	rVV4	70496	82936	7.33%	0.642%
42	11.151	1539	1541	1546	rVB	82109	79677	7.04%	0.616%
43	11.257	1555	1559	1561	rBV	1132868	1024599	90.57%	7.927%
44	11.280	1561	1563	1566	rVV	703340	571096	50.48%	4.418%
45	11.333	1569	1572	1575	rVB	130036	119168	10.53%	0.922%
46	11.369	1575	1578	1581	rBV2	32093	37175	3.29%	0.288%
47	11.492	1595	1599	1604	rBV	59885	80787	7.14%	0.625%
48	11.551	1606	1609	1612	rVB	64905	53296	4.71%	0.412%
49	11.586	1613	1615	1620	rVB	36671	42473	3.75%	0.329%
50	11.645	1623	1625	1627	rBV	24797	17990	1.59%	0.139%
51	11.669	1627	1629	1632	rVB	20883	21565	1.91%	0.167%
52	11.716	1635	1637	1641	rBV4	14225	23148	2.05%	0.179%
53	11.757	1641	1644	1647	rBV	104011	101562	8.98%	0.786%
54	11.786	1647	1649	1653	rVV	140412	113489	10.03%	0.878%
55	11.833	1655	1657	1659	rBV	25853	23146	2.05%	0.179%
56	11.869	1660	1663	1665	rVV	127476	131096	11.59%	1.014%
57	11.892	1665	1667	1671	rVB	78372	69444	6.14%	0.537%
58	11.957	1675	1678	1682	rVV2	62552	57043	5.04%	0.441%
59	11.992	1682	1684	1686	rVV2	27225	19747	1.75%	0.153%
60	12.051	1691	1694	1696	rBV	57299	52507	4.64%	0.406%
61	12.086	1697	1700	1704	rVB	53850	50266	4.44%	0.389%
62	12.180	1714	1716	1718	rBV3	35168	38969	3.44%	0.301%
63	12.233	1722	1725	1727	rBV2	45519	42182	3.73%	0.326%
64	12.304	1734	1737	1740	rBV	85924	99338	8.78%	0.769%
65	12.351	1740	1745	1750	rVB3	268987	337532	29.84%	2.611%
66	12.398	1750	1753	1755	rBV3	46423	52356	4.63%	0.405%
67	12.439	1757	1760	1762	rVV3	47244	55011	4.86%	0.426%
68	12.468	1762	1765	1769	rVV	651635	540308	47.76%	4.180%
69	12.698	1798	1804	1810	rBV	541641	651566	57.59%	5.041%
70	12.833	1824	1827	1830	rBV	496051	406851	35.96%	3.147%
71	13.068	1865	1867	1869	rBV2	74513	65230	5.77%	0.505%

LSC Area Percent Report

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ClientSampleId : FK-SF-01-010-B

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.410	1923	1925	1928	rVB	83499	66912	5.91%	0.518%
73	13.898	2003	2008	2010	rBV2	991369	1098201	97.07%	8.496%
74	13.921	2010	2012	2015	rVB	237803	188533	16.66%	1.459%
75	15.327	2247	2251	2256	rBV	788878	996870	88.12%	7.712%

Sum of corrected areas: 12926179

LSC Report - Integrated Chromatogram

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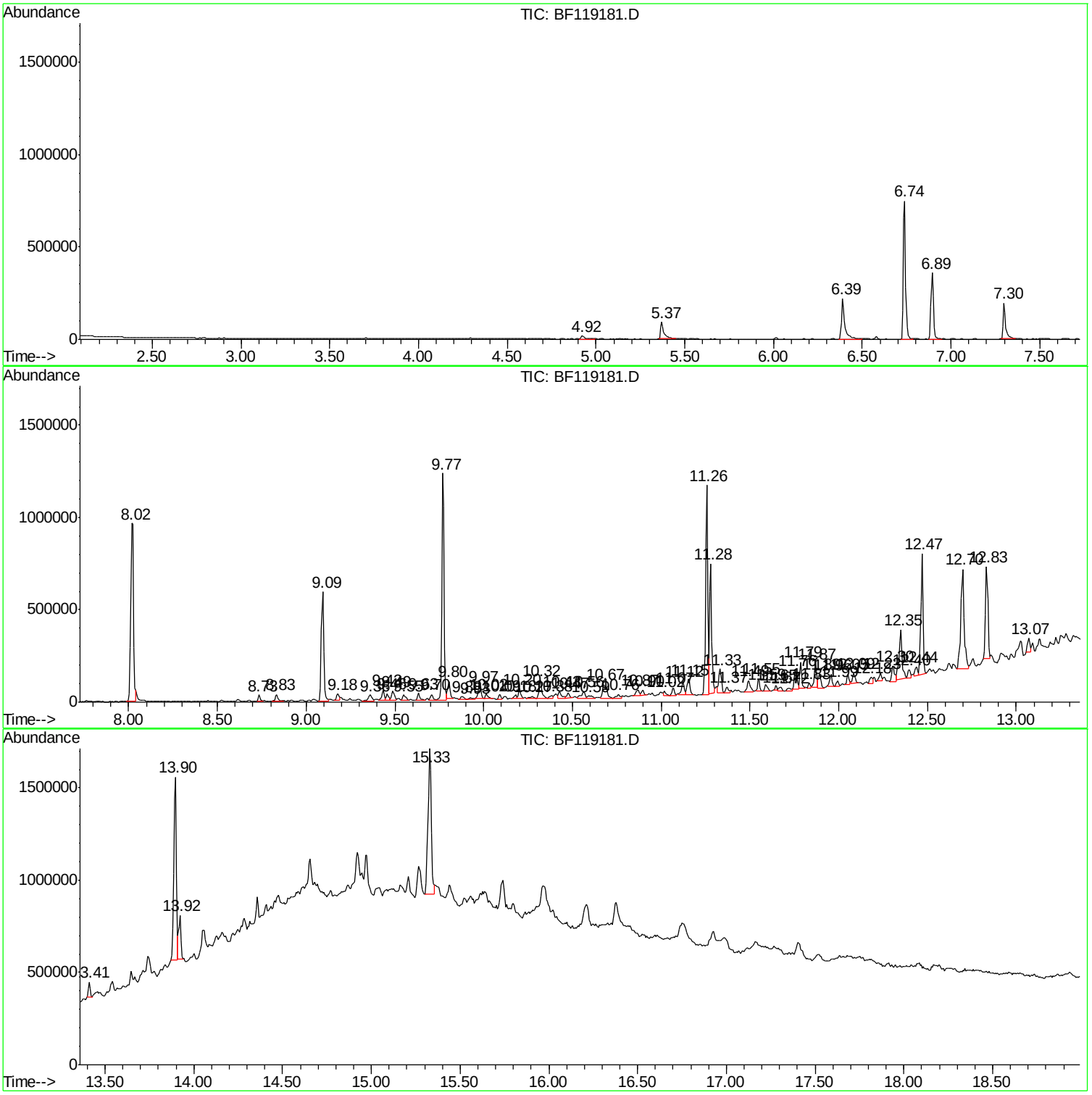
Acq On : 2 Mar 2020 21:20
Operator : CG/JU
Sample : L1736-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-010-B

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119181.D
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Operator : CG/JU
Sample : L1736-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

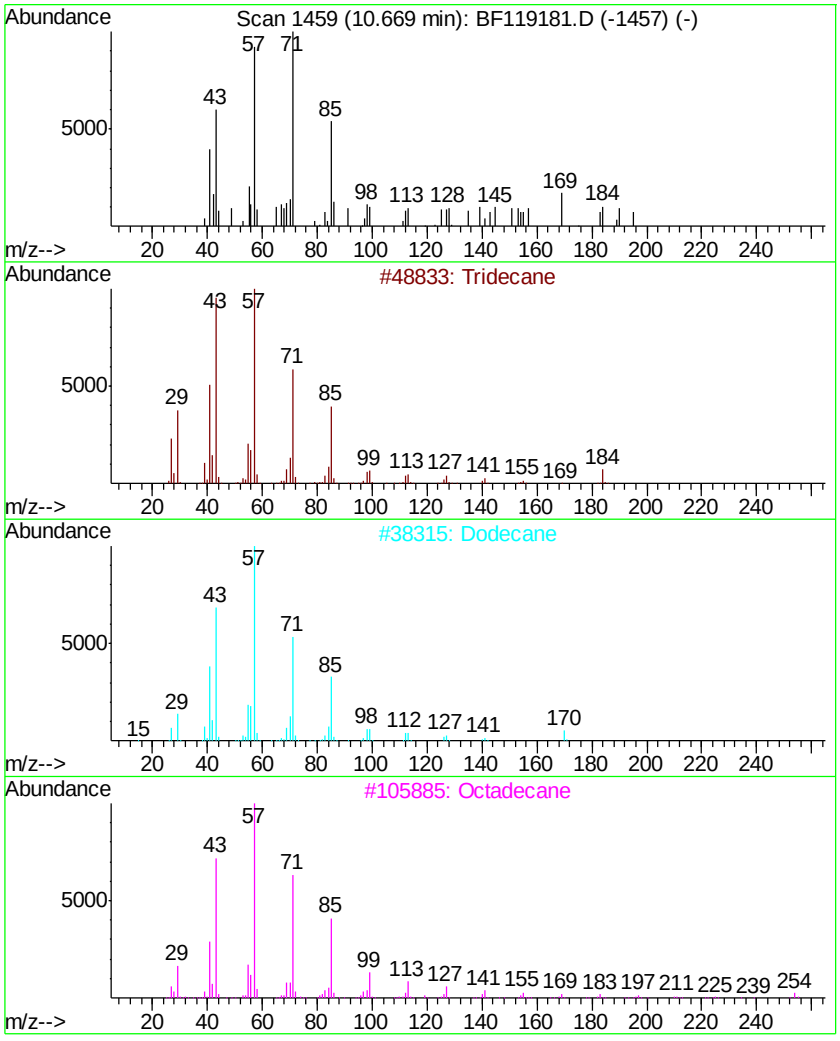
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

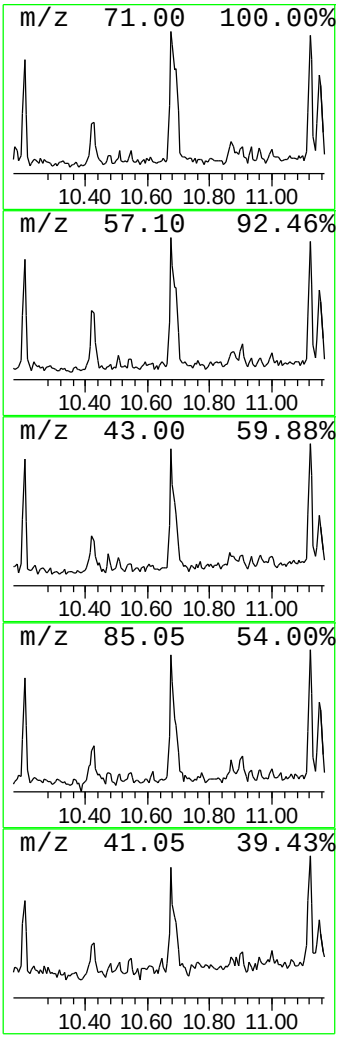
****

Peak Number 3 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	2.35 ng	120376	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Dodecane	170	C12H26	000112-40-3	81
3	Octadecane	254	C18H38	000593-45-3	80
4	Hexacosane	366	C26H54	000630-01-3	80
5	Nonadecane	268	C19H40	000629-92-5	80





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-010-B

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

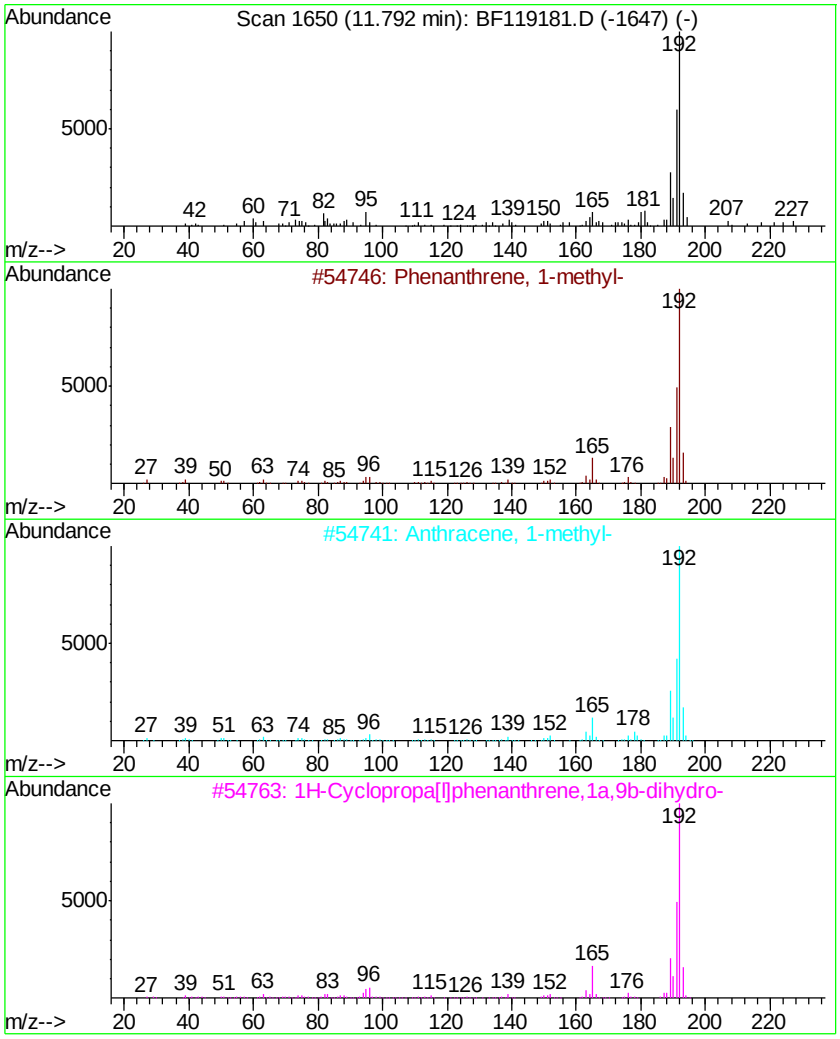
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

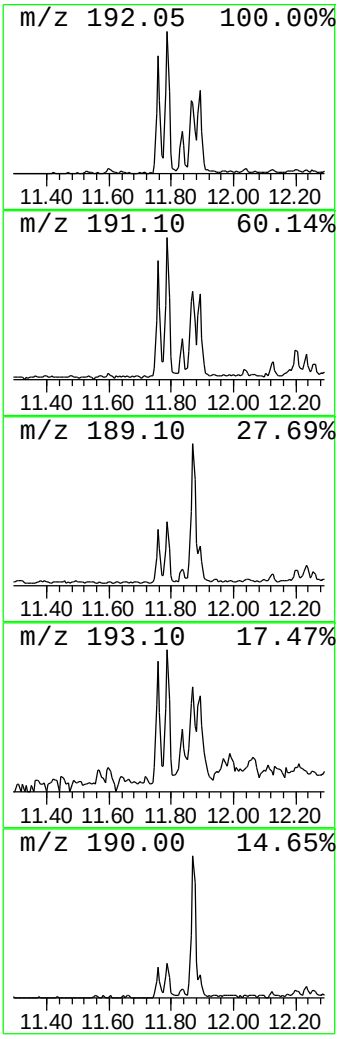
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.22 ng	113489	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119181.D
Acq On : 2 Mar 2020 21:20
Operator : CG/JU
Sample : L1736-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-01-010-B

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

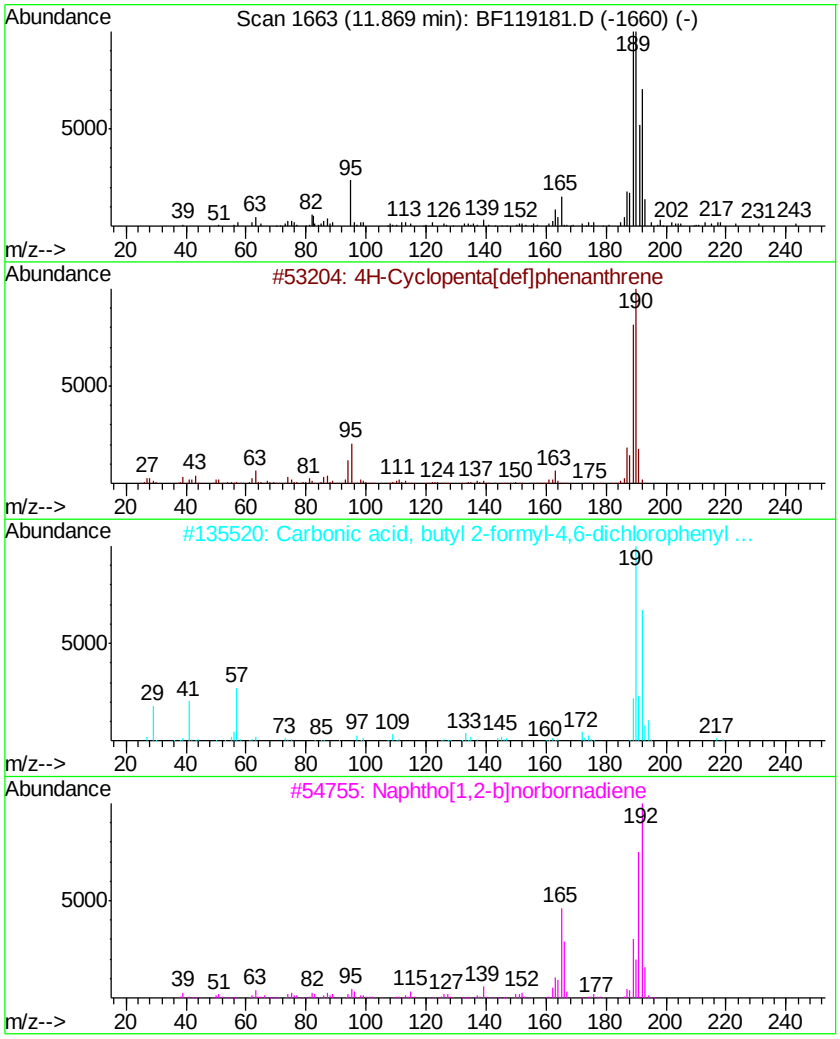
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

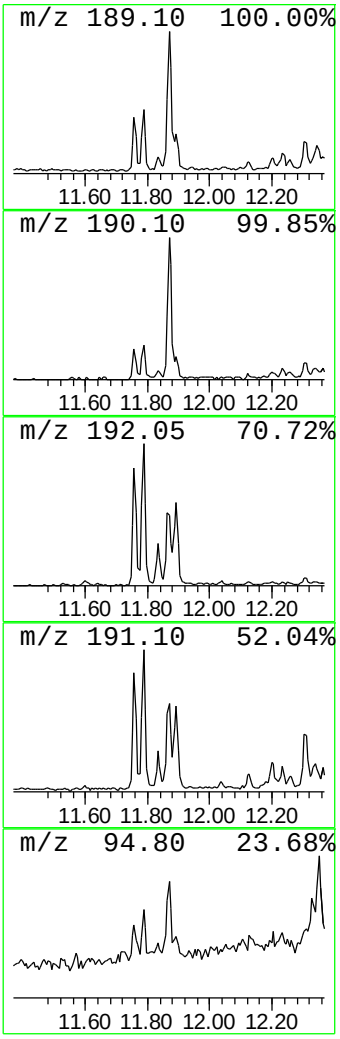
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.56 ng	131096	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	Carbonic acid, butyl 2-formyl-4,...	290	C12H12Cl2O4	1000331-42-2	43
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	25
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	25





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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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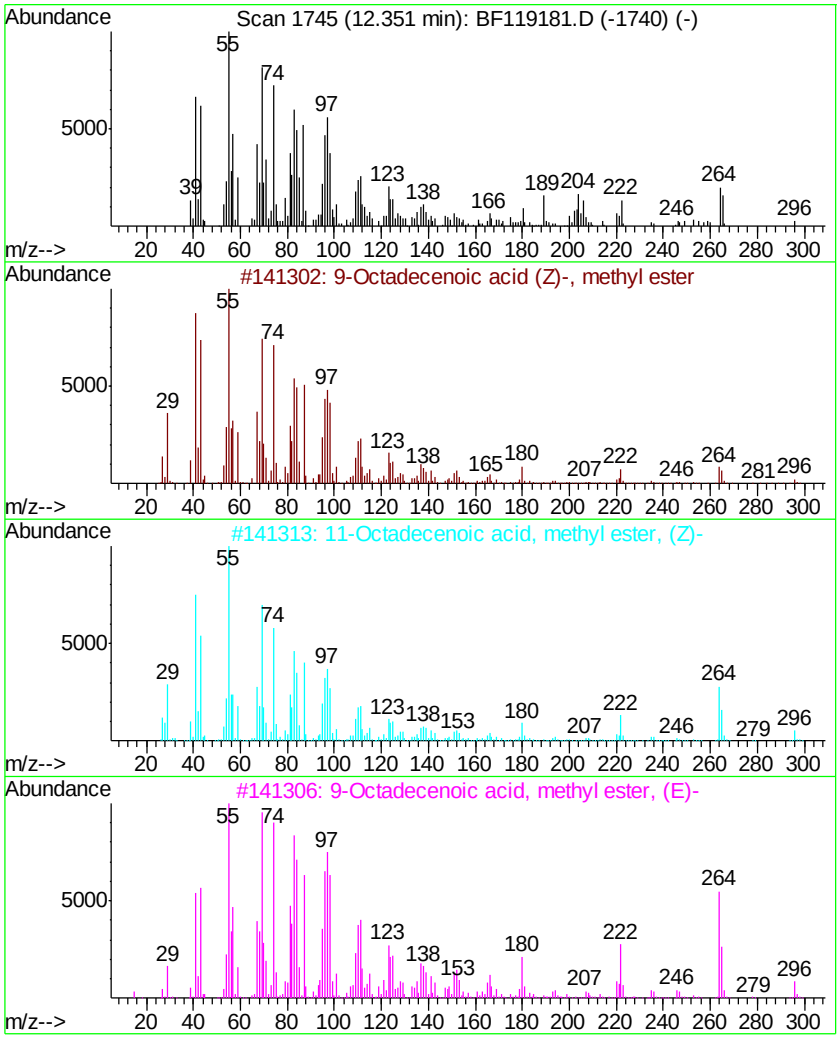
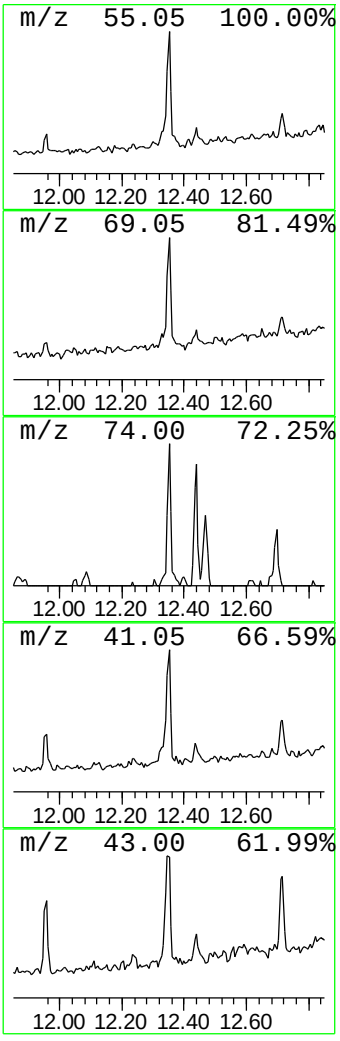
Peak Number 6 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	6.59 ng	337532	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	96
5	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	96





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
Tridecane	10.67	2.4	ng	120376	4	11.26	1024600	20.0
Phenanthrene, 1-m...	11.79	2.2	ng	113489	4	11.26	1024600	20.0
4H-Cyclopenta[def...	11.87	2.6	ng	131096	4	11.26	1024600	20.0
9-Octadecenoic ac...	12.35	6.6	ng	337532	4	11.26	1024600	20.0