LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114947.D
Acq On : 11 Jun 2019 15:38
Operator : HP/JU
Sample : K3158-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-060619

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-BF061019.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	3.551	241	249	256	rBV	248569	409263	14.99%	1.014%
2	5.263	536	540	548	rBV	2082242	2005587	73.48%	4.969%
3	6.304	713	717	726	rBV	2524902	2091962	76.64%	5.183%
4	6.428	734	738	742	rBV	2640767	2235896	81.92%	5.539%
5	6.657	774	777	781	rBV	1458972	1314791	48.17%	3.257%
6	6.816	800	804	807	rBV	2276100	1767017	64.74%	4.378%
7	7.222	869	873	876	rBV	1487522	1281804	46.96%	3.176%
8	7.945	992	996	999	rBV	2015919	1802764	66.05%	4.466%
9	8.651	1112	1116	1120	rVB2	37674	41761	1.53%	0.103%
10	8.751	1130	1133	1138	rVB2	37147	36587	1.34%	0.091%
11	8.980	1166	1172	1174	rBV6	27887	37998	1.39%	0.094%
12	9.016	1174	1178	1181	rBV	3553485	2729450	100.00%	6.762%
13	9.116	1193	1195	1197	rVB	46579	35064	1.28%	0.087%
14	9.274	1219	1222	1226	rBV	35971	46806	1.71%	0.116%
15	9.351	1230	1235	1237	rBV	62248	64237	2.35%	0.159%
16	9.410	1242	1245	1251	rBV	275589	264119	9.68%	0.654%
17	9.551	1265	1269	1272	rBV	285437	272500	9.98%	0.675%
18	9.604	1275	1278	1282	rVV2	67636	92506	3.39%	0.229%
19	9.639	1282	1284	1287	rVB	63353	48322	1.77%	0.120%
20	9.692	1287	1293	1296	rBV	2270059	2109825	77.30%	5.227%
21	9.722	1296	1298	1302	rVB	89989	81361	2.98%	0.202%
22	9.798	1308	1311	1315	rBV6	28743	37627	1.38%	0.093%
23	9.892	1324	1327	1332	rVB	65733	78661	2.88%	0.195%
24	9.933	1332	1334	1336	rVB	47789	34241	1.25%	0.085%
25	9.963	1336	1339	1343	rVB3	43817	41608	1.52%	0.103%
26	10.010	1343	1347	1349	rBV3	55129	80188	2.94%	0.199%
27	10.098	1358	1362	1366	rBV4	29052	47743	1.75%	0.118%
28	10.139	1366	1369	1372	rVB	108285	86384	3.16%	0.214%
29	10.233	1382	1385	1388	rBV2	99028	90411	3.31%	0.224%
30	10.357	1401	1406	1409	rVB3	48995	67387	2.47%	0.167%
31	10.392	1409	1412	1414	rBV2	35862	35351	1.30%	0.088%
32	10.474	1422	1426	1430	rBV	1703939	1565835	57.37%	3.879%
33	10.604	1445	1448	1455	rVB3	128706	184793	6.77%	0.458%
34	10.674	1458	1460	1465	rBV5	24772	39444	1.45%	0.098%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3158-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-060619

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-BF061019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.804	1480	1482	1485	rVB3	41421	38167	1.40%	0.095%
36	10.974	1509	1511	1516	rVB3	39597	36100	1.32%	0.089%
37	11.057	1522	1525	1528	rBV2	140291	145837	5.34%	0.361%
38	11.086	1528	1530	1533	rVB2	72584	62587	2.29%	0.155%
39	11.163	1540	1543	1546	rBV	2139803	2061457	75.53%	5.107%
40	11.186	1546	1547	1551	rVV	843129	539941	19.78%	1.338%
41	11.239	1553	1556	1559	rVB	288128	224434	8.22%	0.556%
42	11.274	1559	1562	1565	rBV2	51977	61798	2.26%	0.153%
43	11.398	1580	1583	1586	rBV	45902	47145	1.73%	0.117%
44	11.480	1594	1597	1598	rBV	82037	64997	2.38%	0.161%
45	11.574	1611	1613	1618	rVB	88022	82691	3.03%	0.205%
46	11.663	1626	1628	1631	rBV	181715	173679	6.36%	0.430%
47	11.692	1631	1633	1634	rVV	248022	193637	7.09%	0.480%
48	11.710	1634	1636	1639	rVV	300584	271043	9.93%	0.671%
49	11.739	1639	1641	1644	rVB	110714	87283	3.20%	0.216%
50	11.774	1644	1647	1649	rBV	356263	339105	12.42%	0.840%
51	11.798	1649	1651	1654	rVB	156086	122430	4.49%	0.303%
52	11.886	1663	1666	1667	rBV	118552	107219	3.93%	0.266%
53	11.957	1676	1678	1680	rBV	98537	80600	2.95%	0.200%
54	11.980	1680	1682	1687	rVB3	113052	116974	4.29%	0.290%
55	12.092	1698	1701	1702	rBV2	73086	64090	2.35%	0.159%
56	12.139	1707	1709	1711	rVV	79753	68806	2.52%	0.170%
57	12.163	1711	1713	1716	rVB2	98789	77359	2.83%	0.192%
58	12.215	1719	1722	1725	rBV	234682	242148	8.87%	0.600%
59	12.251	1725	1728	1730	rBV3	161445	194839	7.14%	0.483%
60	12.274	1730	1732	1734	rVB2	260977	217680	7.98%	0.539%
61	12.368	1745	1748	1753	rBV	1444458	1256365	46.03%	3.113%
62	12.463	1762	1764	1766	rBV	110076	81784	3.00%	0.203%
63	12.492	1766	1769	1772	rBV4	100518	153308	5.62%	0.380%
64	12.598	1782	1787	1789	rBV	1458953	1393615	51.06%	3.453%
65	12.639	1792	1794	1796	rVB2	124653	93828	3.44%	0.232%
66	12.715	1805	1807	1809	rBV	109366	96119	3.52%	0.238%
67	12.745	1809	1812	1819	rVB	2937517	2623163	96.11%	6.499%
68	12.927	1841	1843	1846	rVB	290027	249412	9.14%	0.618%
69	12.992	1851	1854	1857	rVB	368515	320617	11.75%	0.794%
70	13.027	1857	1860	1863	rBV	248285	229681	8.41%	0.569%
71	13.121	1873	1876	1878	rBV	206698	177886	6.52%	0.441%

LSC Area Percent Report

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Acq On : 11 Jun 2019 15:38
Operator : HP/JU
Sample : K3158-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-060619

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-BF061019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.151	1879	1881	1883	rBV	172279	133373	4.89%	0.330%
73	13.333	1910	1912	1916	rVB2	210687	212272	7.78%	0.526%
74	13.792	1985	1990	1992	rBV2	2084569	2587731	94.81%	6.411%
75	13.815	1992	1994	1997	rVB	703453	549356	20.13%	1.361%
76	13.980	2020	2022	2025	rVB	299512	214802	7.87%	0.532%
77	14.586	2123	2125	2131	rBV2	420511	470817	17.25%	1.166%
78	14.798	2159	2161	2171	rVB	552080	1102582	40.40%	2.732%
79	14.892	2175	2177	2183	rVB2	605189	683578	25.04%	1.694%
80	15.186	2224	2227	2230	rBV	856279	852707	31.24%	2.113%

Sum of corrected areas: 40364335

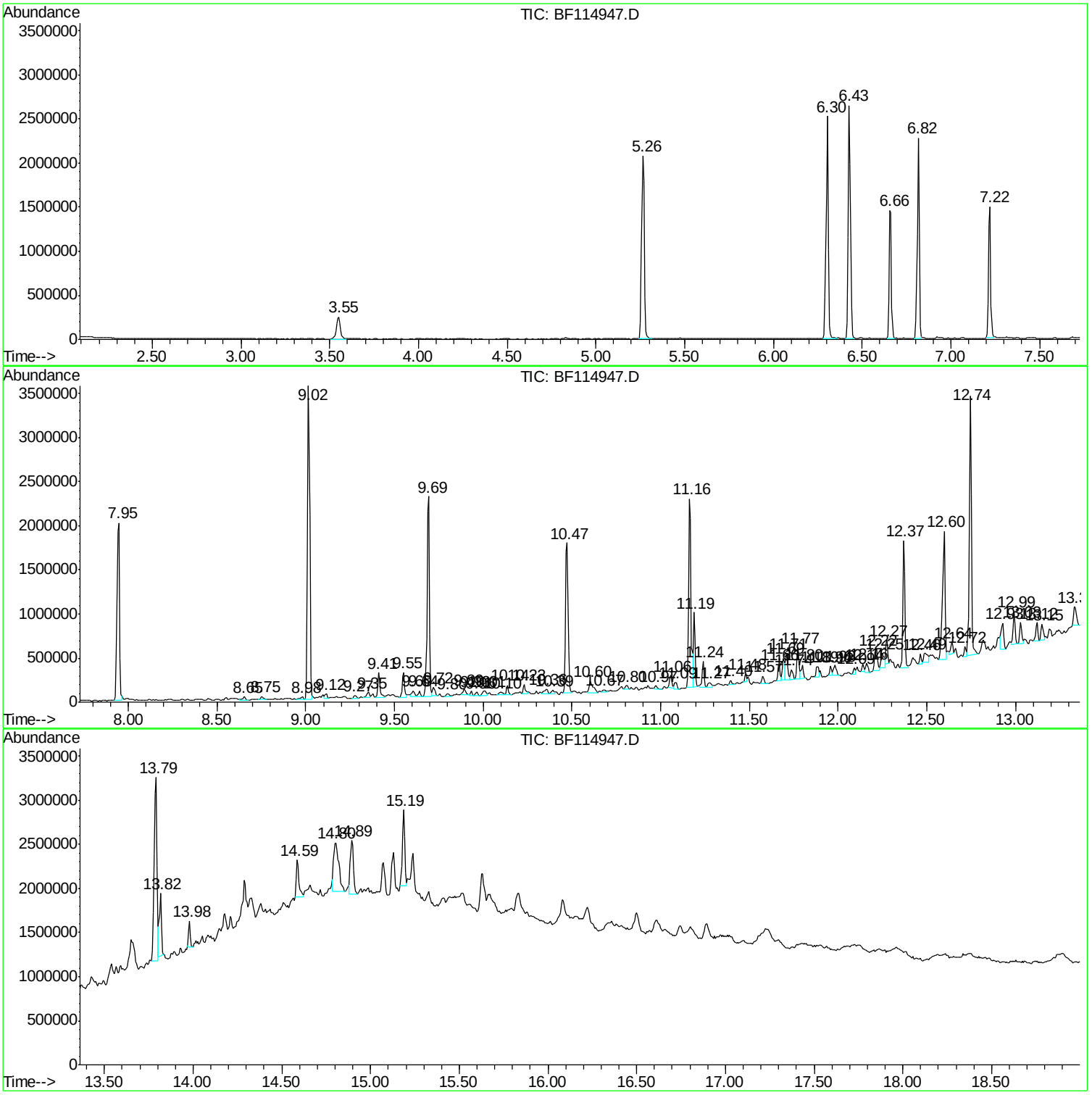
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114947.D
Acq On : 11 Jun 2019 15:38
Operator : HP/JU
Sample : K3158-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-060619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061019.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\BF061119\
Data File : BF114947.D
Acq On : 11 Jun 2019 15:38
Operator : HP/JU
Sample : K3158-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-060619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

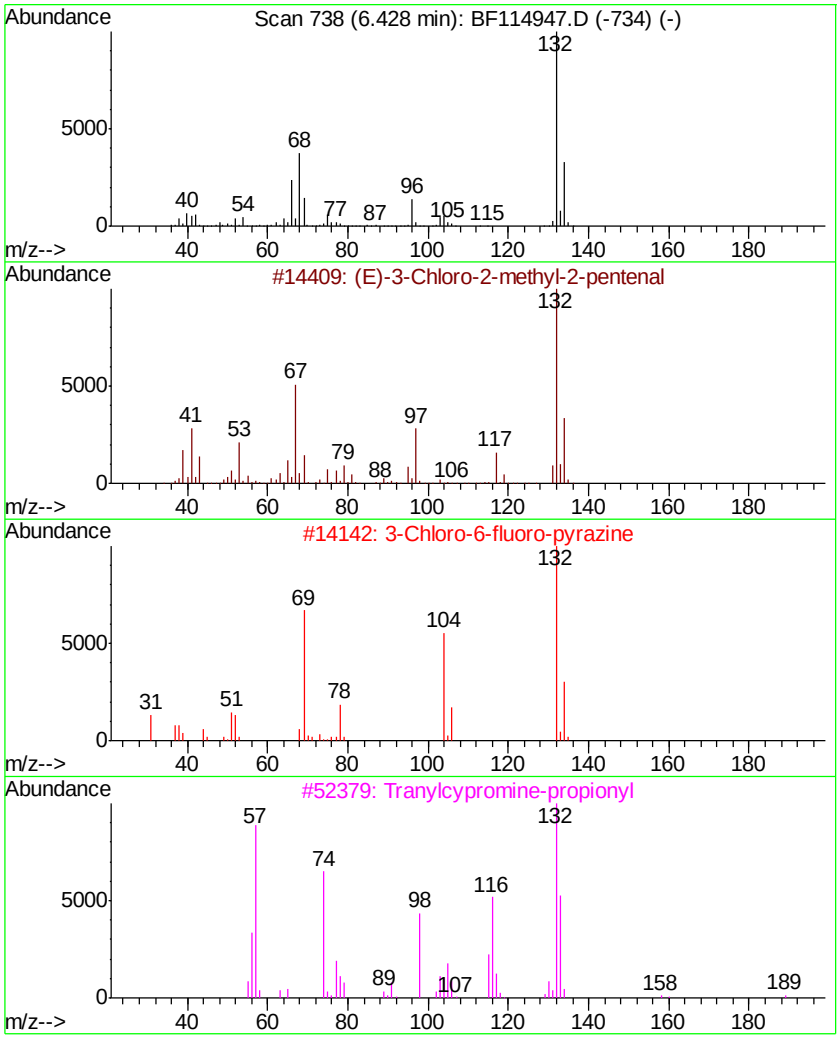
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

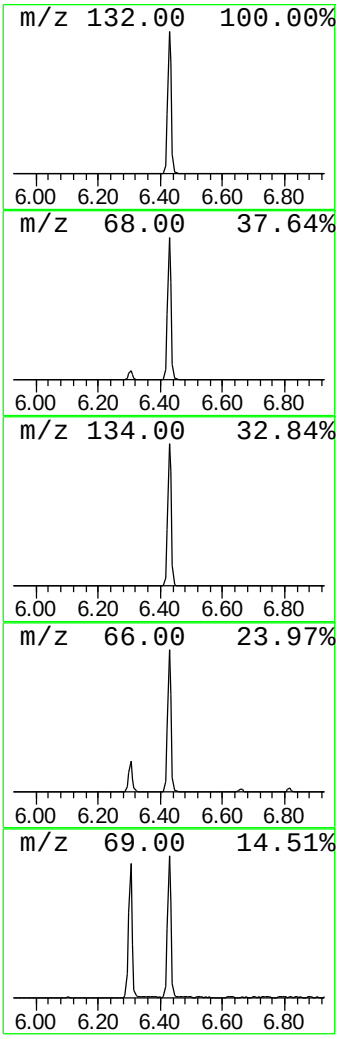
****

Peak Number 2 unknown6.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	34.01 ng	2235900	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114947.D
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Operator : HP/JU
Sample : K3158-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-060619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

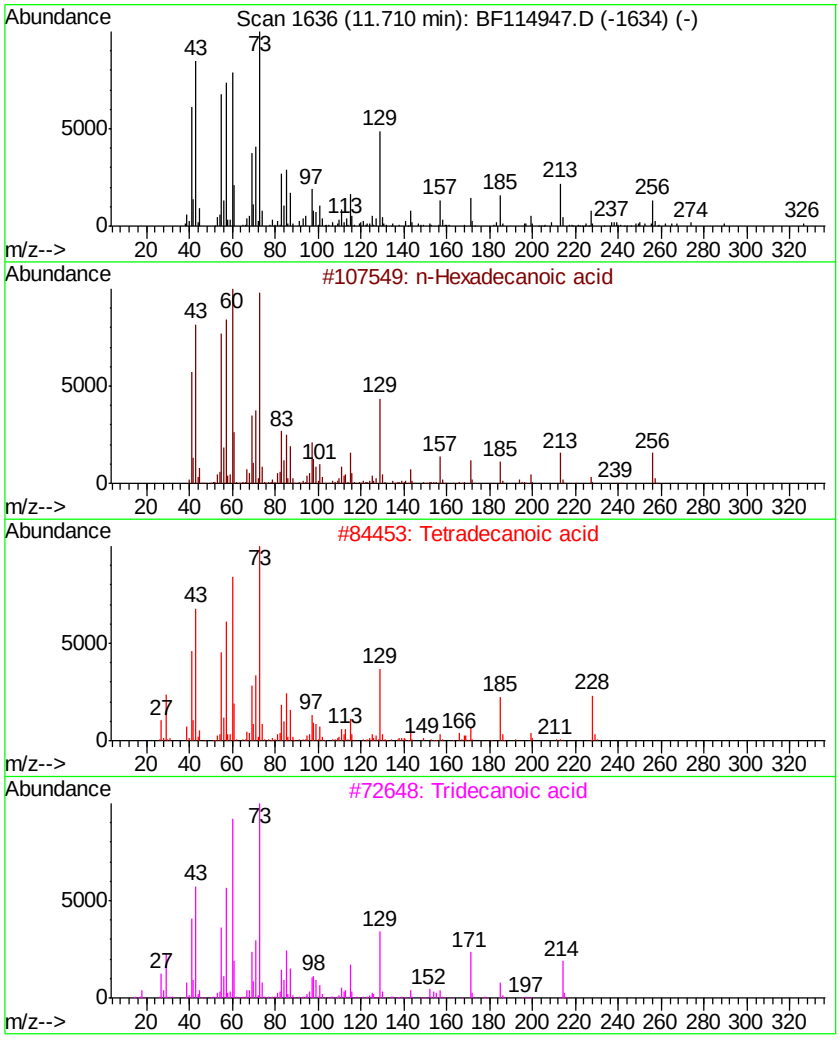
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

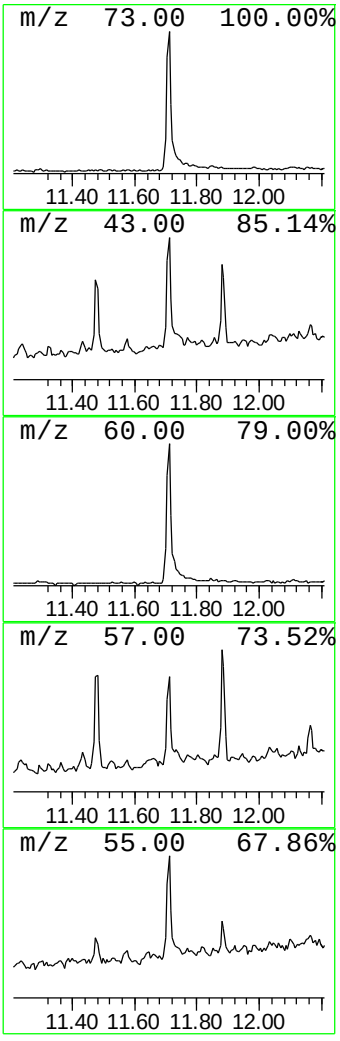
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	2.63 ng	271043	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Octadecanoic acid	284	C18H36O2	000057-11-4	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114947.D
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

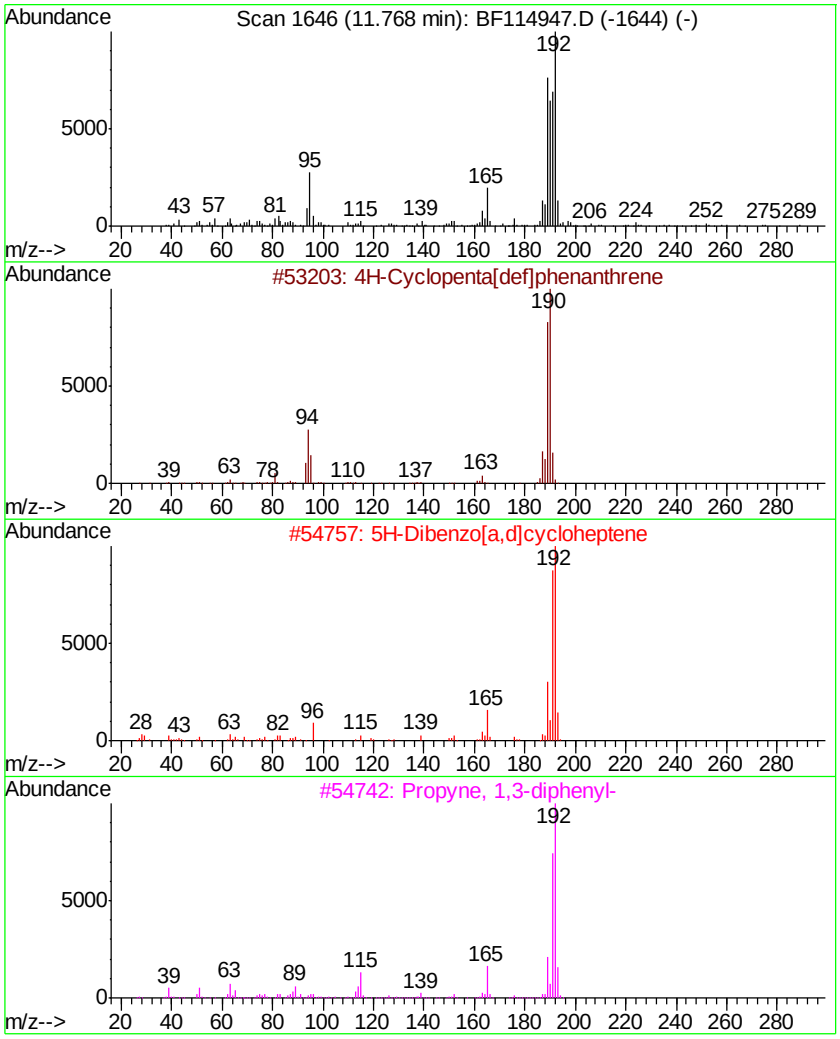
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

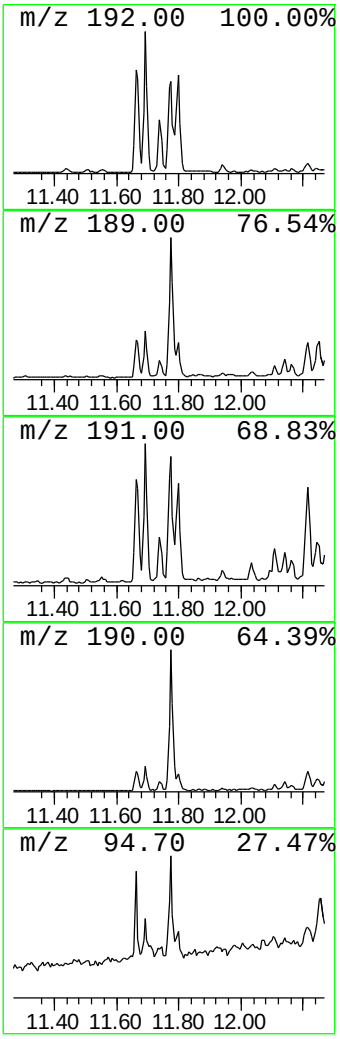
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.29 ng	339105	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	25
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	25
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25





Library Search Compound Report

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TIC Library : C:\DATABASE\NIST11.L
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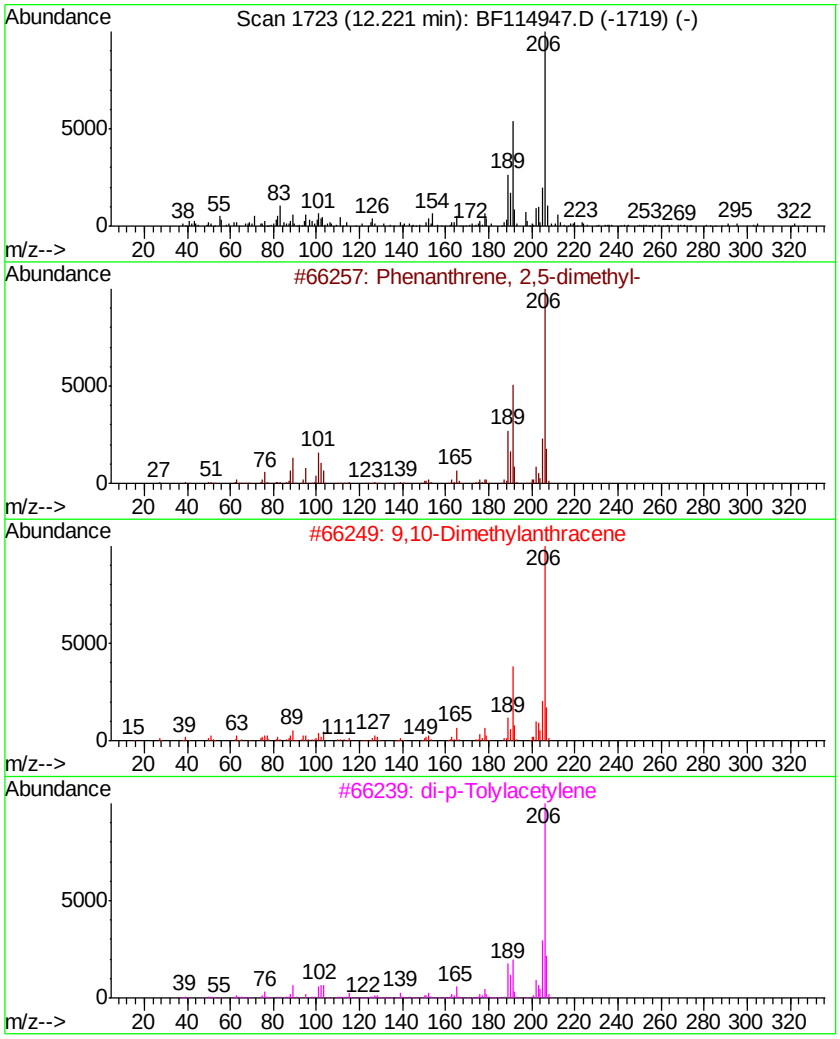
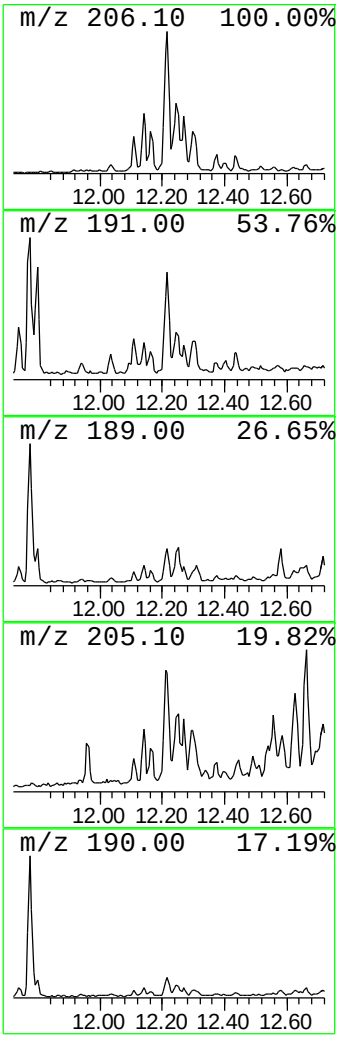
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	2.35 ng	242148	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	92
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Sample : K3158-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-060619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

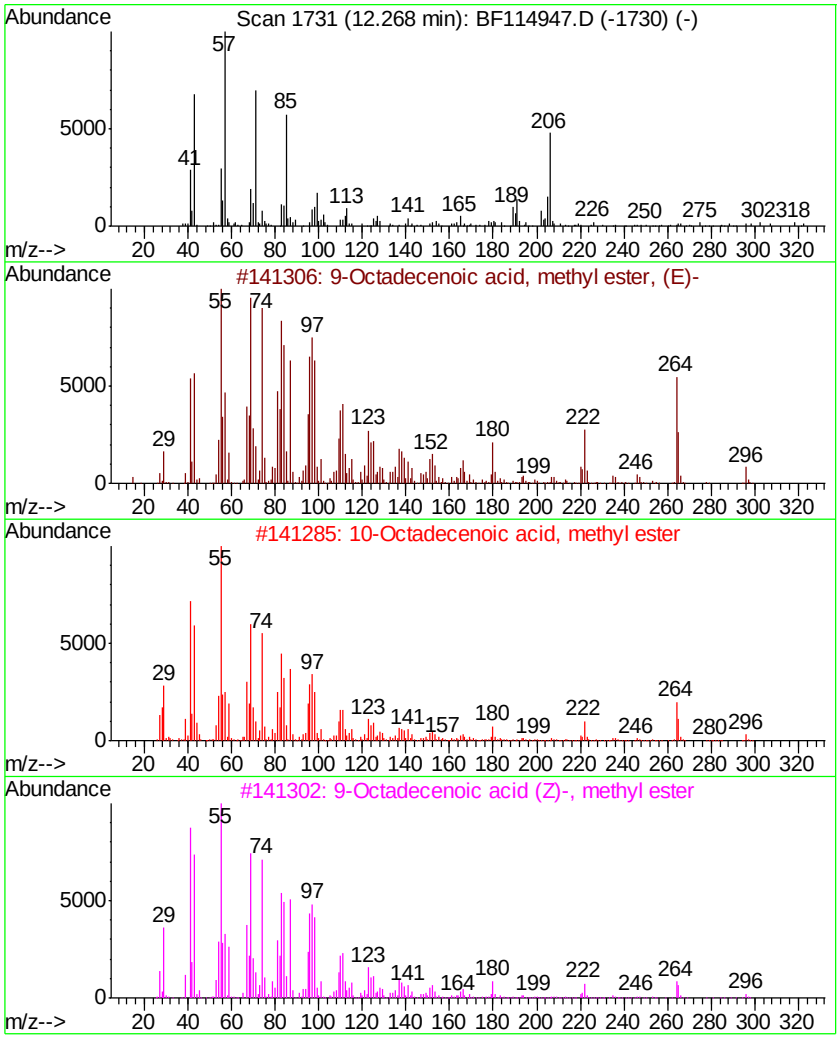
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

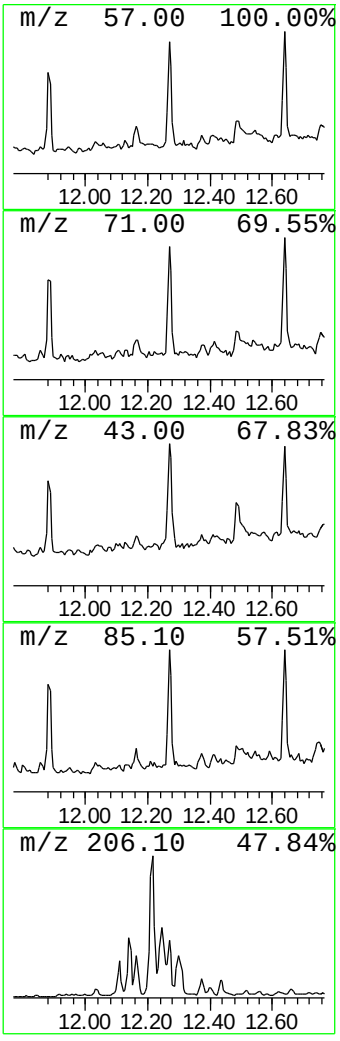
****

Peak Number 7 9-Octadecenoic acid, methyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	2.11 ng	217680	Phenanthrene-d10	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	86
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	86
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	83
4	9-Nonadecene	266	C19H38	031035-07-1	80
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	64





Library Search Compound Report

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Operator : HP/JU
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Misc :
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Instrument : BNA_F
ClientSampleId : OK-03-060619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

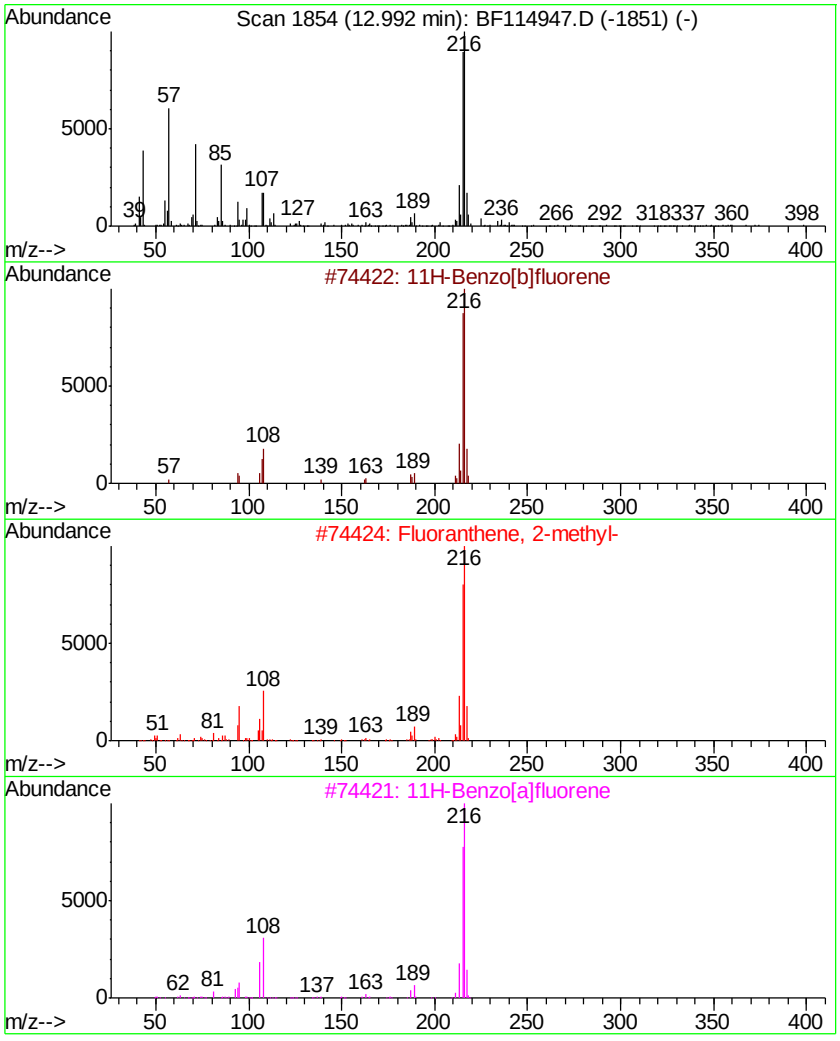
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

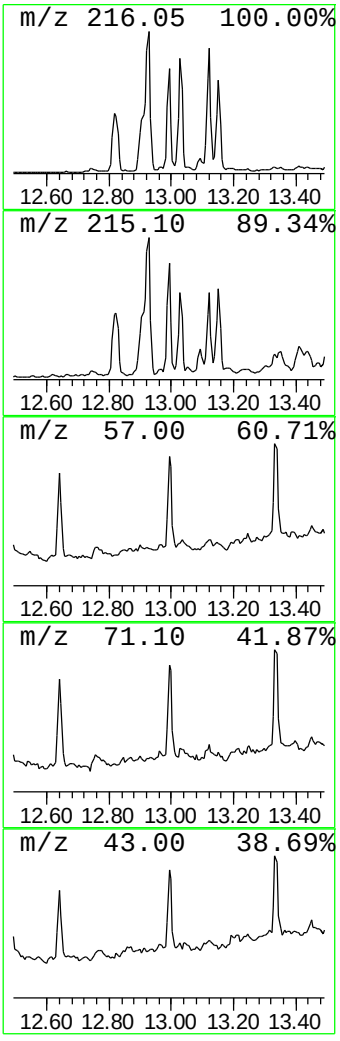
****

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	2.48 ng	320617	Chrysene-d12	13.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	60
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	58





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Acq On : 11 Jun 2019 15:38
Operator : HP/JU
Sample : K3158-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-060619

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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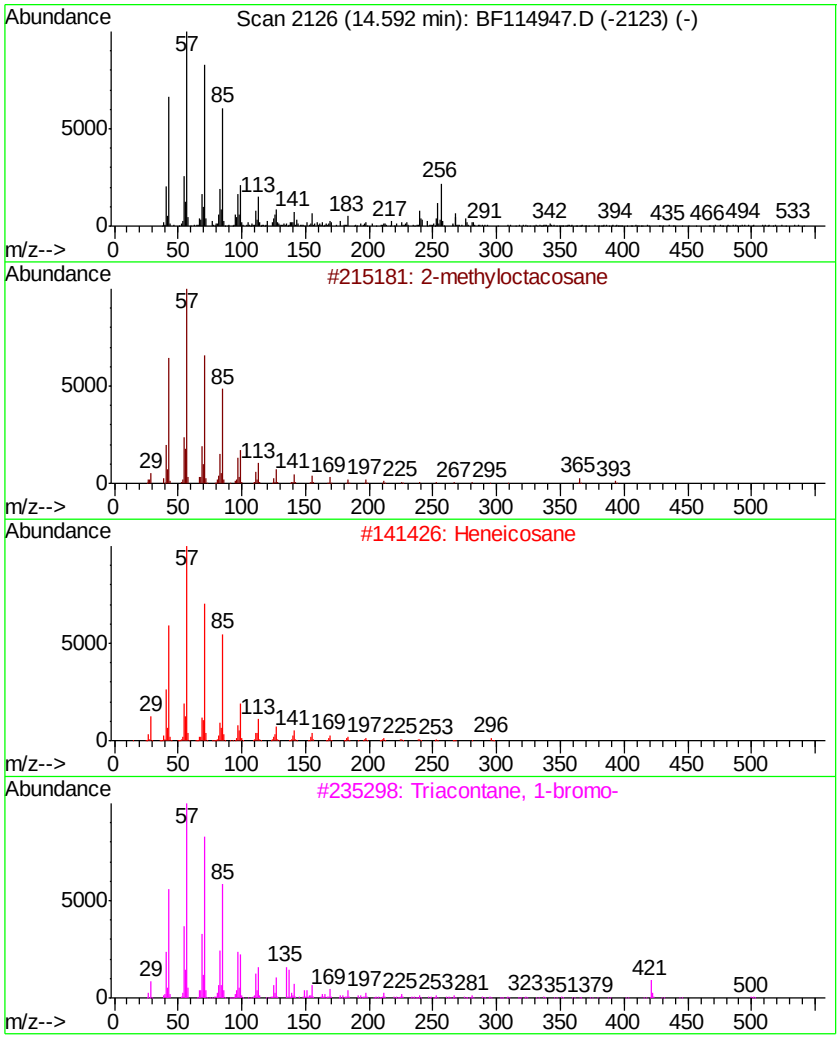
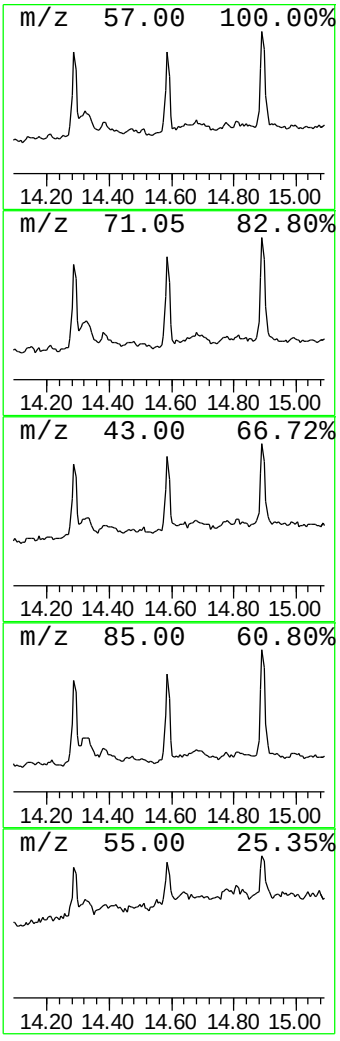
Peak Number 9 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	11.04 ng	470817	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	83
4	Nonadecane	268	C19H40	000629-92-5	81
5	Heptadecane	240	C17H36	000629-78-7	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114947.D
Acq On : 11 Jun 2019 15:38
Operator : HP/JU
Sample : K3158-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-060619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061019.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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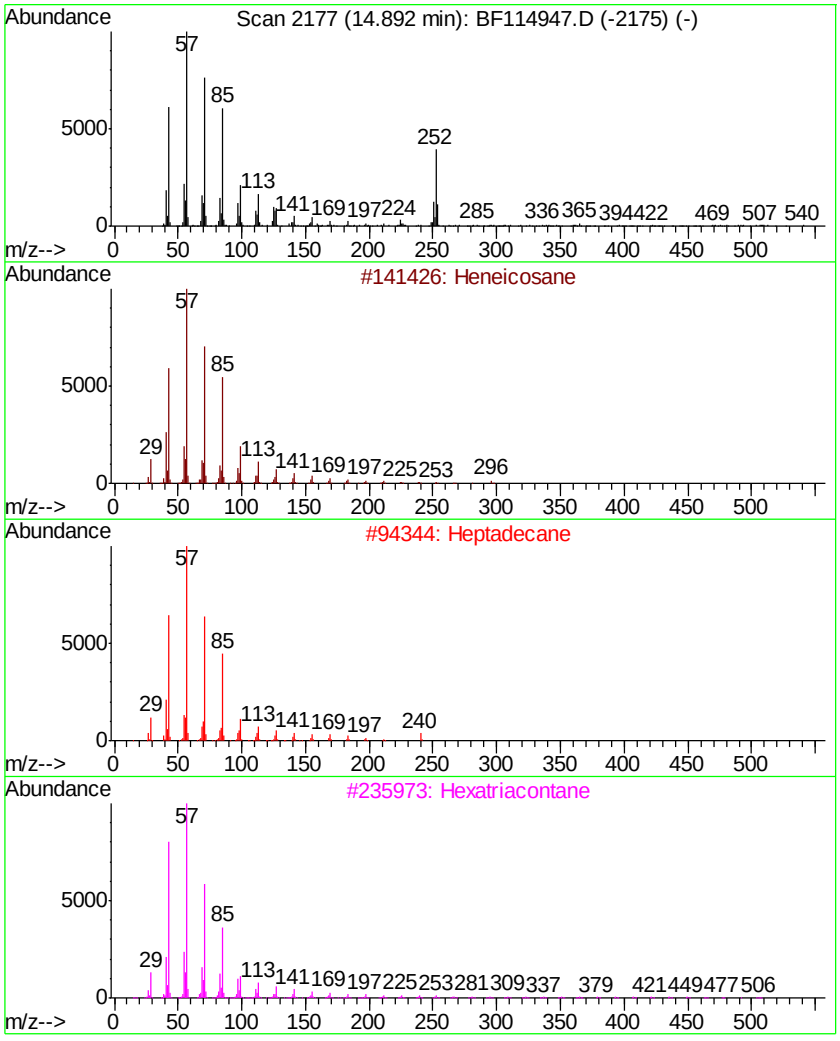
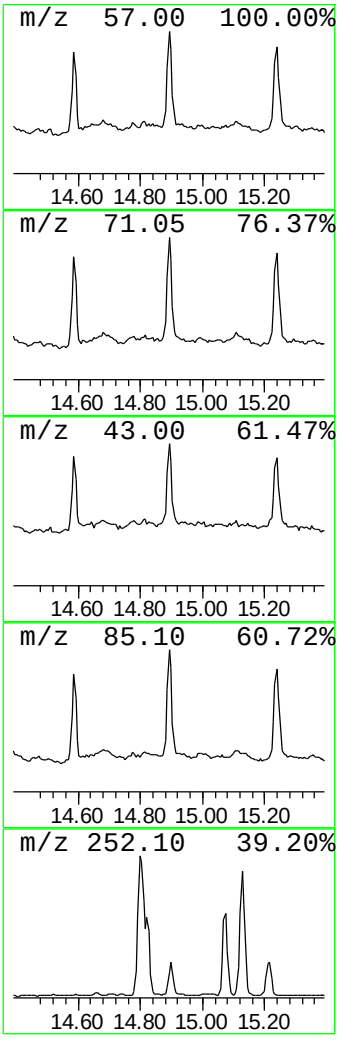
Peak Number 10 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	16.03 ng	683578	Perylene-d12	15.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptadecane	240	C17H36	000629-78-7	92
3	Hexatriacontane	507	C36H74	000630-06-8	70
4	Eicosane	282	C20H42	000112-95-8	62
5	2-methyloctacosane	408	C29H60	1000376-72-8	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061119\
Data File : BF114947.D
Acq On : 11 Jun 2019 15:38
Operator : HP/JU
Sample : K3158-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-060619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061019.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
unknown6.43	6.43	34.0	ng	2235900	1	6.66	1314790	20.0
n-Hexadecanoic acid	11.71	2.6	ng	271043	4	11.16	2061460	20.0
4H-Cyclopenta[def...	11.77	3.3	ng	339105	4	11.16	2061460	20.0
Phenanthrene, 2,5...	12.22	2.4	ng	242148	4	11.16	2061460	20.0
9-Octadecenoic ac...	12.27	2.1	ng	217680	4	11.16	2061460	20.0
11H-Benzo[b]fluorene	12.99	2.5	ng	320617	5	13.79	2587730	20.0
2-methyloctacosane	14.59	11.0	ng	470817	6	15.19	852707	20.0
Heneicosane	14.89	16.0	ng	683578	6	15.19	852707	20.0