LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087378.D
Acq On : 25 May 2016 18:27
Operator : UM/SJ
Sample : H3211-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1304-(0-4)

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:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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	1.644	4	5	54	rVB	4358400	8531640	79.91%	4.481%
2	5.404	331	334	350	rBV	1513547	2404424	22.52%	1.263%
3	7.062	476	479	486	rBV	1621115	2693226	25.22%	1.415%
4	7.165	486	488	493	rVV	1784407	2673960	25.04%	1.404%
5	7.519	516	519	523	rBV	541898	724083	6.78%	0.380%
6	7.747	537	539	542	rBV	1275838	1905848	17.85%	1.001%
7	8.433	596	599	601	rBV	1241703	1717351	16.08%	0.902%
8	9.542	694	696	698	rBV	612865	894704	8.38%	0.470%
9	9.576	698	699	702	rVB	277019	370513	3.47%	0.195%
10	11.325	849	852	855	rBV	2267471	2819573	26.41%	1.481%
11	12.022	910	913	915	rBV	248432	412749	3.87%	0.217%
12	12.148	921	924	927	rBV	1166261	1511933	14.16%	0.794%
13	12.365	940	943	951	rBV4	680909	1484910	13.91%	0.780%
14	13.211	1014	1017	1020	rBV	218150	370140	3.47%	0.194%
15	13.554	1044	1047	1051	rVV3	119712	339967	3.18%	0.179%
16	13.668	1054	1057	1062	rVV	1091353	1628369	15.25%	0.855%
17	13.988	1082	1085	1092	rBV2	220610	594071	5.56%	0.312%
18	14.400	1118	1121	1125	rBV3	135802	348896	3.27%	0.183%
19	14.777	1151	1154	1155	rVV	507365	715943	6.71%	0.376%
20	14.811	1155	1157	1160	rVB	1419019	1638162	15.34%	0.860%
21	14.891	1160	1164	1167	rBV	730561	1042157	9.76%	0.547%
22	15.565	1220	1223	1225	rBV	325674	354849	3.32%	0.186%
23	15.611	1225	1227	1231	rVV	365480	517986	4.85%	0.272%
24	15.714	1234	1236	1238	rVV	480456	665566	6.23%	0.350%
25	15.760	1238	1240	1245	rVB2	404198	792916	7.43%	0.416%
26	16.000	1257	1261	1264	rVV3	440541	846818	7.93%	0.445%
27	16.057	1264	1266	1270	rVB3	263453	366197	3.43%	0.192%
28	16.365	1290	1293	1295	rBV	416980	642545	6.02%	0.337%
29	16.411	1295	1297	1299	rVV	217005	357831	3.35%	0.188%
30	16.491	1302	1304	1307	rVB	405630	510237	4.78%	0.268%
31	16.548	1307	1309	1310	rBV	2033065	2240180	20.98%	1.177%
32	16.583	1310	1312	1314	rVV	3081498	4450269	41.68%	2.337%
33	16.674	1318	1320	1321	rBV	256319	315536	2.96%	0.166%
34	16.708	1321	1323	1327	rVB	560166	619371	5.80%	0.325%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087378.D
Acq On : 25 May 2016 18:27
Operator : UM/SJ
Sample : H3211-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1304-(0-4)

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:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.811	1330	1332	1335	rVB	263304	290197	2.72%	0.152%
36	16.891	1335	1339	1341	rBV2	3507329	5073905	47.52%	2.665%
37	17.063	1350	1354	1356	rBV	5111761	6118917	57.31%	3.214%
38	17.131	1356	1360	1362	rVB	1784582	2148717	20.12%	1.129%
39	17.200	1362	1366	1372	rVB3	396604	918028	8.60%	0.482%
40	17.314	1372	1376	1377	rBV2	480426	869322	8.14%	0.457%
41	17.348	1377	1379	1382	rVB	681393	866342	8.11%	0.455%
42	17.428	1384	1386	1388	rVB	365477	436821	4.09%	0.229%
43	17.474	1388	1390	1392	rBV2	752015	1087907	10.19%	0.571%
44	17.543	1392	1396	1397	rVV	6093227	9269494	86.82%	4.868%
45	17.588	1397	1400	1402	rVB2	347016	562050	5.26%	0.295%
46	17.806	1414	1419	1421	rVB4	266184	514673	4.82%	0.270%
47	17.863	1421	1424	1425	rBV2	156941	331871	3.11%	0.174%
48	17.988	1431	1435	1437	rBV	6771899	10118712	94.77%	5.314%
49	18.023	1437	1438	1441	rVB	568371	604652	5.66%	0.318%
50	18.148	1447	1449	1451	rBV	468162	816575	7.65%	0.429%
51	18.183	1451	1452	1453	rVV	453783	380772	3.57%	0.200%
52	18.217	1453	1455	1456	rVV	423280	634193	5.94%	0.333%
53	18.240	1456	1457	1459	rVB2	658100	654854	6.13%	0.344%
54	18.297	1460	1462	1465	rVB	415505	569237	5.33%	0.299%
55	18.411	1467	1472	1474	rBV	6826020	10677158	100.00%	5.608%
56	18.480	1474	1478	1479	rVV	2514177	4670995	43.75%	2.453%
57	18.526	1479	1482	1484	rVV	2629305	4268918	39.98%	2.242%
58	18.606	1487	1489	1491	rBV2	394548	469037	4.39%	0.246%
59	18.651	1491	1493	1494	rVV	561820	748779	7.01%	0.393%
60	18.686	1494	1496	1500	rVB4	484348	831360	7.79%	0.437%
61	18.754	1500	1502	1503	rBV	346656	408692	3.83%	0.215%
62	18.811	1503	1507	1509	rVB	6588893	9779817	91.60%	5.136%
63	18.937	1516	1518	1519	rBV	236011	307268	2.88%	0.161%
64	18.983	1519	1522	1524	rVV	853475	1322723	12.39%	0.695%
65	19.029	1524	1526	1528	rVV3	726918	1384644	12.97%	0.727%
66	19.074	1528	1530	1534	rVV2	484795	1277265	11.96%	0.671%
67	19.131	1534	1535	1536	rVV	376593	501569	4.70%	0.263%
68	19.189	1537	1540	1543	rVV	5490239	9047725	84.74%	4.752%
69	19.417	1556	1560	1562	rVB3	591770	1008875	9.45%	0.530%
70	19.451	1562	1563	1566	rBV2	275749	395382	3.70%	0.208%
71	19.566	1569	1573	1575	rBV	4846104	7908107	74.07%	4.153%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087378.D
Acq On : 25 May 2016 18:27
Operator : UM/SJ
Sample : H3211-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1304-(0-4)

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:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	19.703	1582	1585	1586	rBV2	311851	510235	4.78%	0.268%
73	19.760	1586	1590	1597	rVV	2845162	7891769	73.91%	4.145%
74	19.863	1597	1599	1601	rVV	900811	1054788	9.88%	0.554%
75	19.909	1601	1603	1605	rVV	4119237	5438442	50.94%	2.856%
76	19.966	1605	1608	1612	rVV4	308448	891151	8.35%	0.468%
77	20.046	1612	1615	1618	rVV	2052714	2951732	27.65%	1.550%
78	20.103	1618	1620	1623	rVV	2138079	3876677	36.31%	2.036%
79	20.160	1623	1625	1626	rVV	469226	688603	6.45%	0.362%
80	20.183	1626	1627	1630	rVV	865663	1025071	9.60%	0.538%
81	20.252	1630	1633	1637	rVB	3020362	4079451	38.21%	2.143%
82	20.309	1637	1638	1640	rBV	256200	342553	3.21%	0.180%
83	20.606	1661	1664	1668	rVB2	1919344	3092593	28.96%	1.624%
84	20.754	1675	1677	1682	rBV5	134153	341934	3.20%	0.180%
85	21.006	1695	1699	1704	rBV	971251	1853589	17.36%	0.974%
86	21.223	1716	1718	1719	rBV2	200377	297794	2.79%	0.156%
87	21.303	1723	1725	1729	rVB3	174166	382304	3.58%	0.201%
88	21.394	1729	1733	1736	rVB	1332967	2417424	22.64%	1.270%
89	21.463	1736	1739	1741	rVB2	535975	981451	9.19%	0.515%
90	21.520	1741	1744	1746	rBV	254182	393908	3.69%	0.207%
91	21.577	1746	1749	1754	rVB2	214643	431214	4.04%	0.226%
92	21.749	1760	1764	1768	rBV	966753	1944971	18.22%	1.022%
93	21.943	1779	1781	1783	rBV	243725	462396	4.33%	0.243%
94	21.989	1783	1785	1789	rVB	309262	588523	5.51%	0.309%
95	22.160	1797	1800	1803	rBV4	226379	478112	4.48%	0.251%
96	22.595	1835	1838	1844	rVB3	156086	487820	4.57%	0.256%
97	23.178	1885	1889	1892	rBV	154262	462025	4.33%	0.243%
98	23.258	1892	1896	1900	rVB3	194310	586654	5.49%	0.308%
99	23.543	1917	1921	1931	rVB	272675	953653	8.93%	0.501%
100	23.715	1931	1936	1940	rBV	198516	714119	6.69%	0.375%

Sum of corrected areas: 190399429

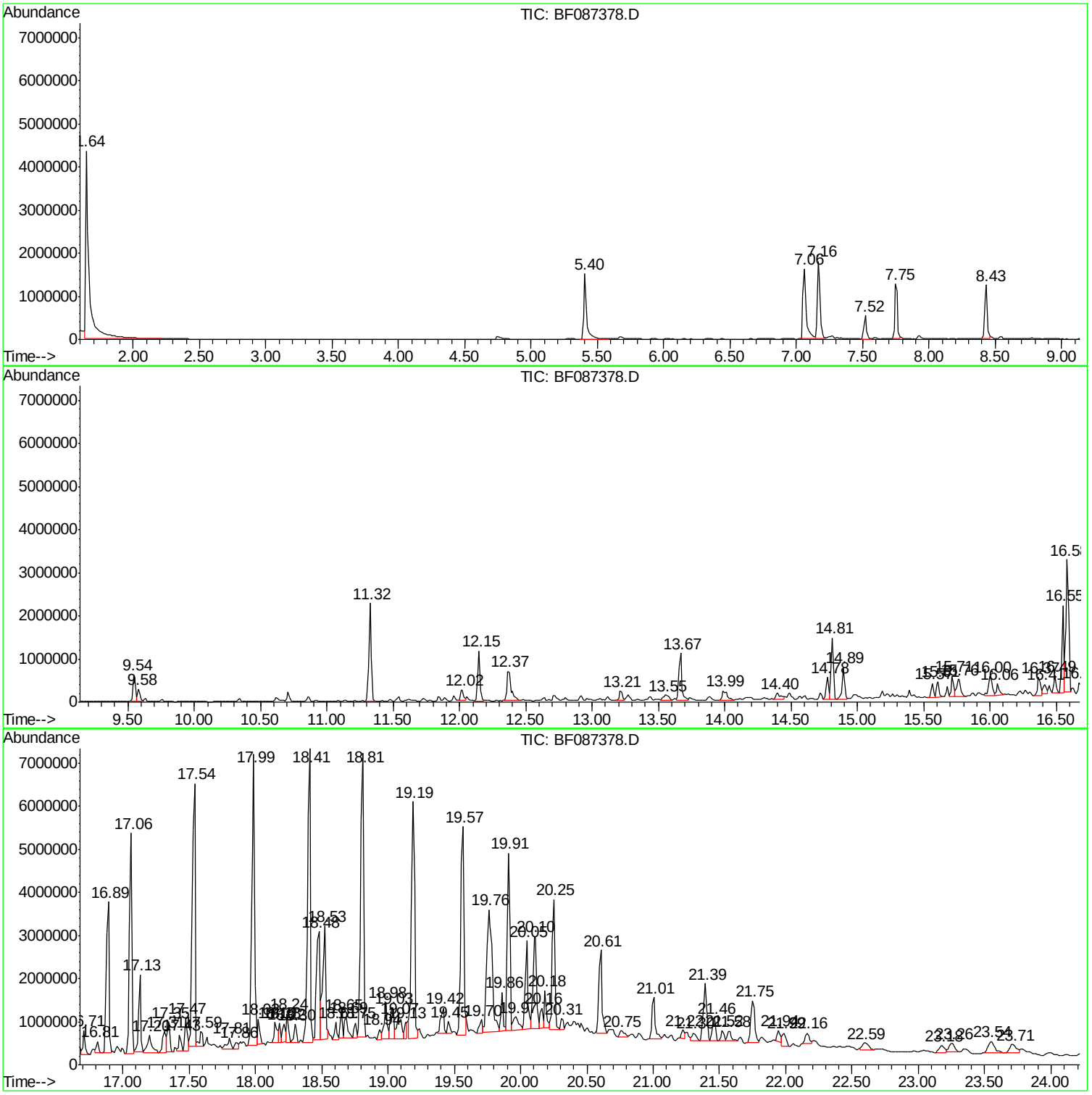
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087378.D
Acq On : 25 May 2016 18:27
Operator : UM/SJ
Sample : H3211-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1304-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087378.D
Acq On : 25 May 2016 18:27
Operator : UM/SJ
Sample : H3211-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1304-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

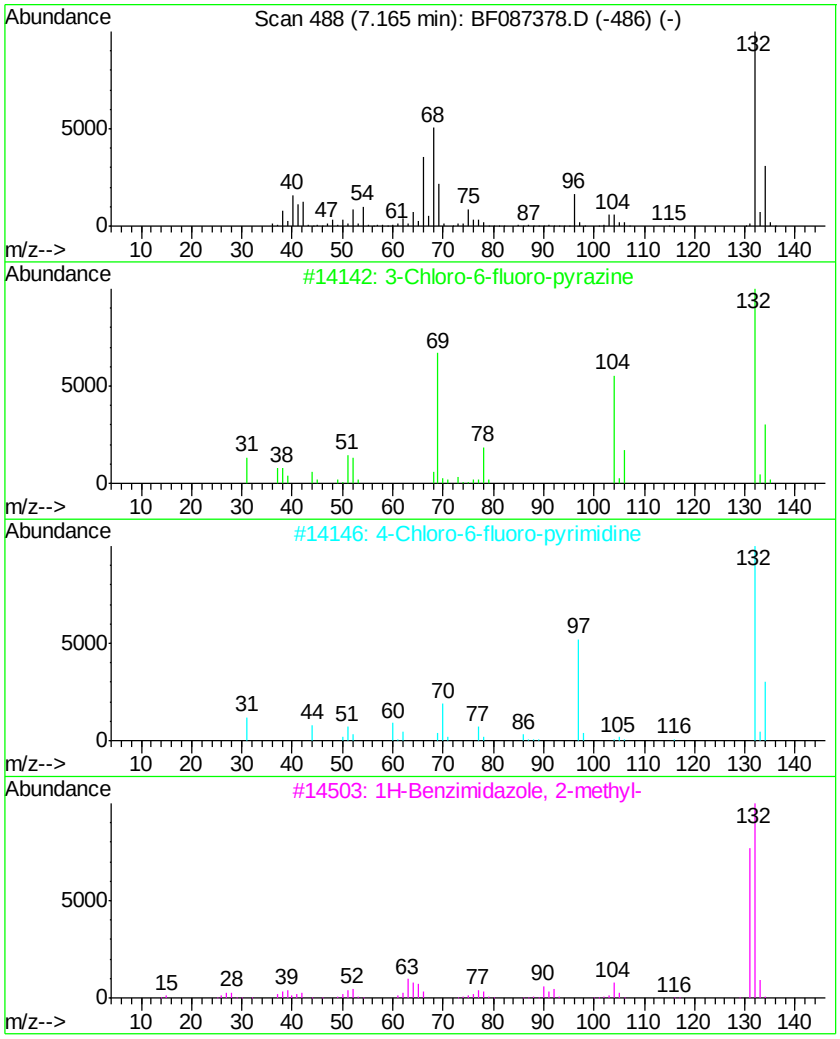
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

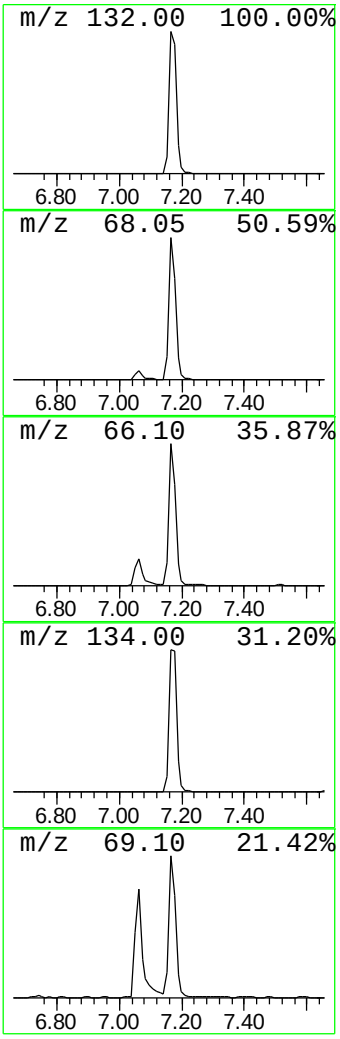
****

Peak Number 2 unknown7.16 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	73.86 ng	2673960	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087378.D
Acq On : 25 May 2016 18:27
Operator : UM/SJ
Sample : H3211-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1304-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

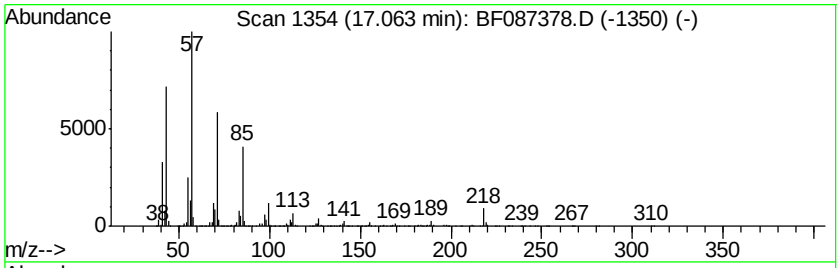
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

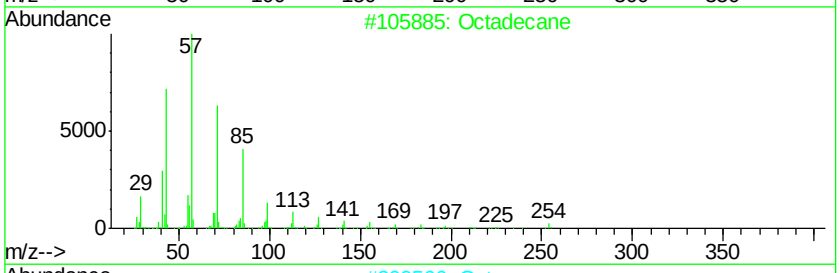
****

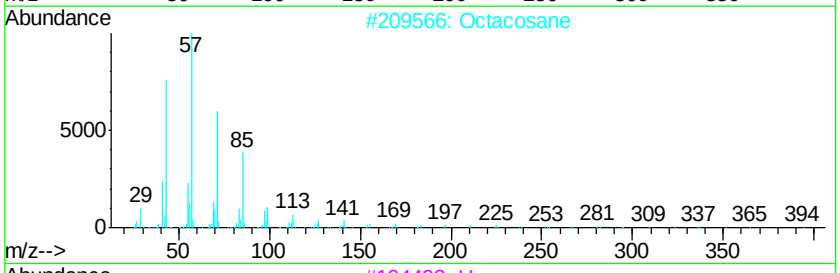
Peak Number 4 Octadecane Concentration Rank 19

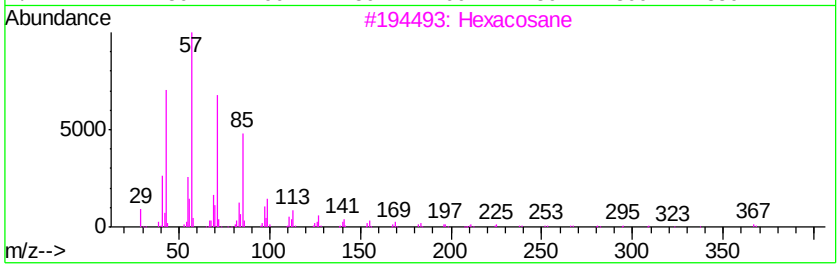
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	26.20 ng	6118920	Chrysene-d12	18.49

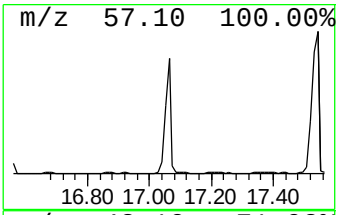
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
5	Pentacosane	352	C25H52	000629-99-2	90

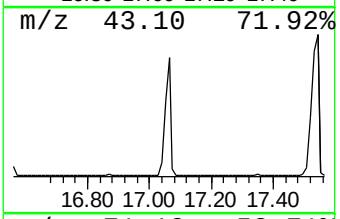


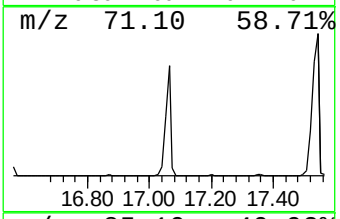


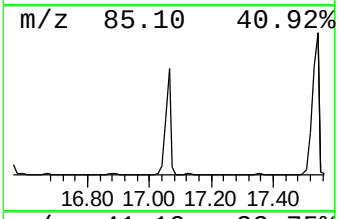


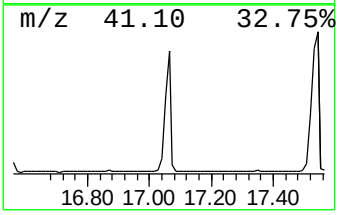












Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087378.D
Acq On : 25 May 2016 18:27
Operator : UM/SJ
Sample : H3211-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1304-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

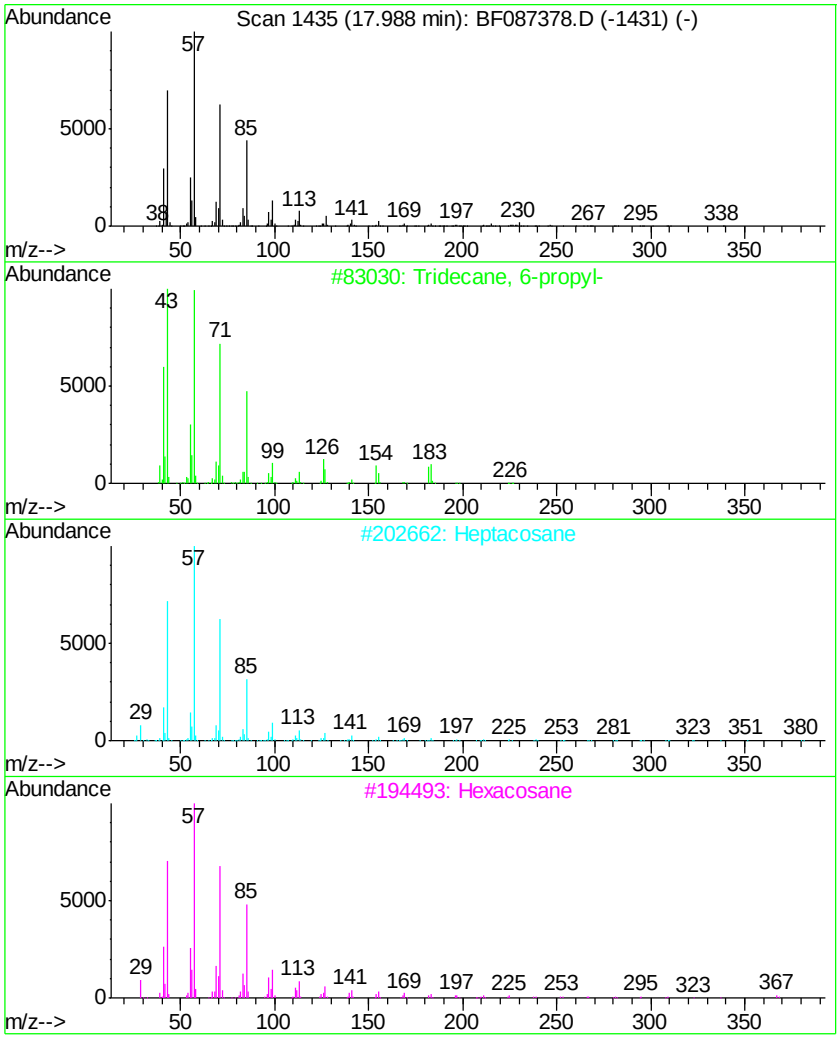
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

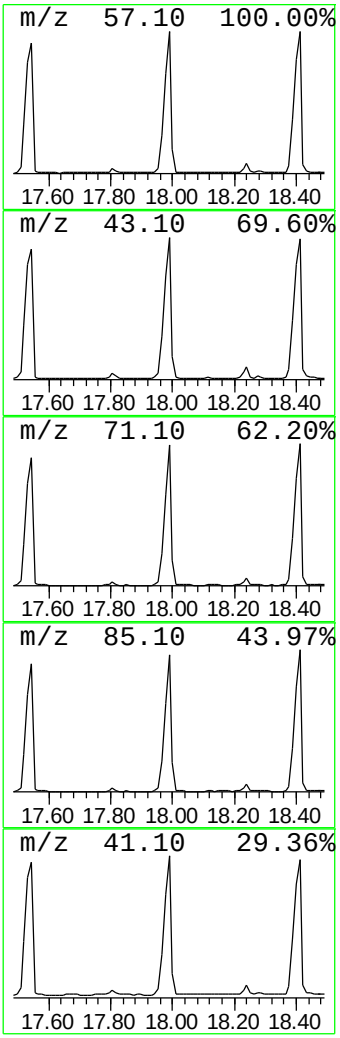
****

Peak Number 6 Tridecane, 6-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	43.33 ng	10118700	Chrysene-d12	18.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Tetracosane	338	C24H50	000646-31-1	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087378.D
Acq On : 25 May 2016 18:27
Operator : UM/SJ
Sample : H3211-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1304-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

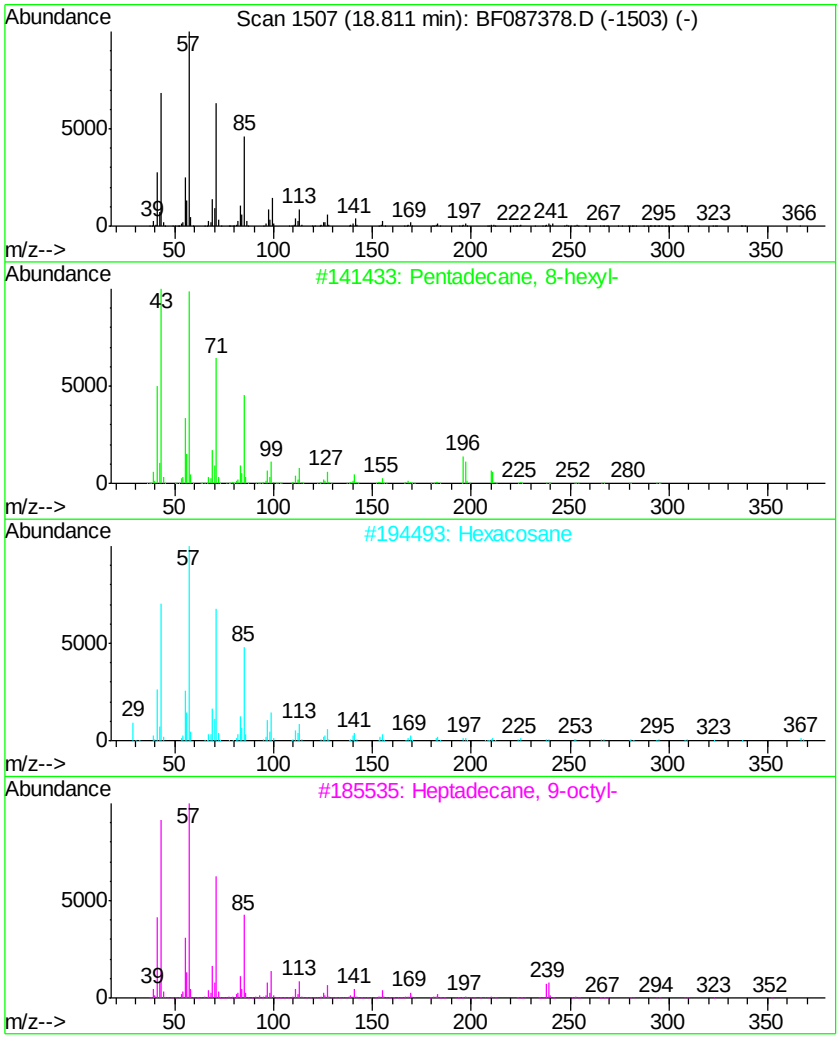
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

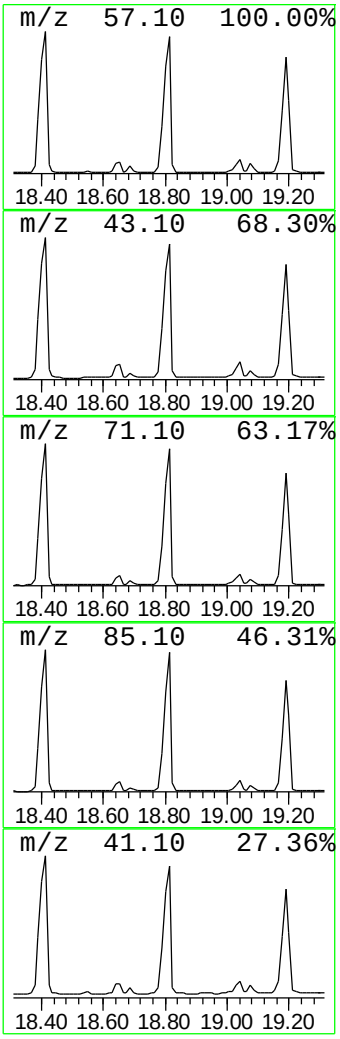
****

Peak Number 8 Pentadecane, 8-hexyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	41.87 ng	9779820	Chrysene-d12	18.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	95
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heptacosane	380	C27H56	000593-49-7	91





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Data File : BF087378.D
Acq On : 25 May 2016 18:27
Operator : UM/SJ
Sample : H3211-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1304-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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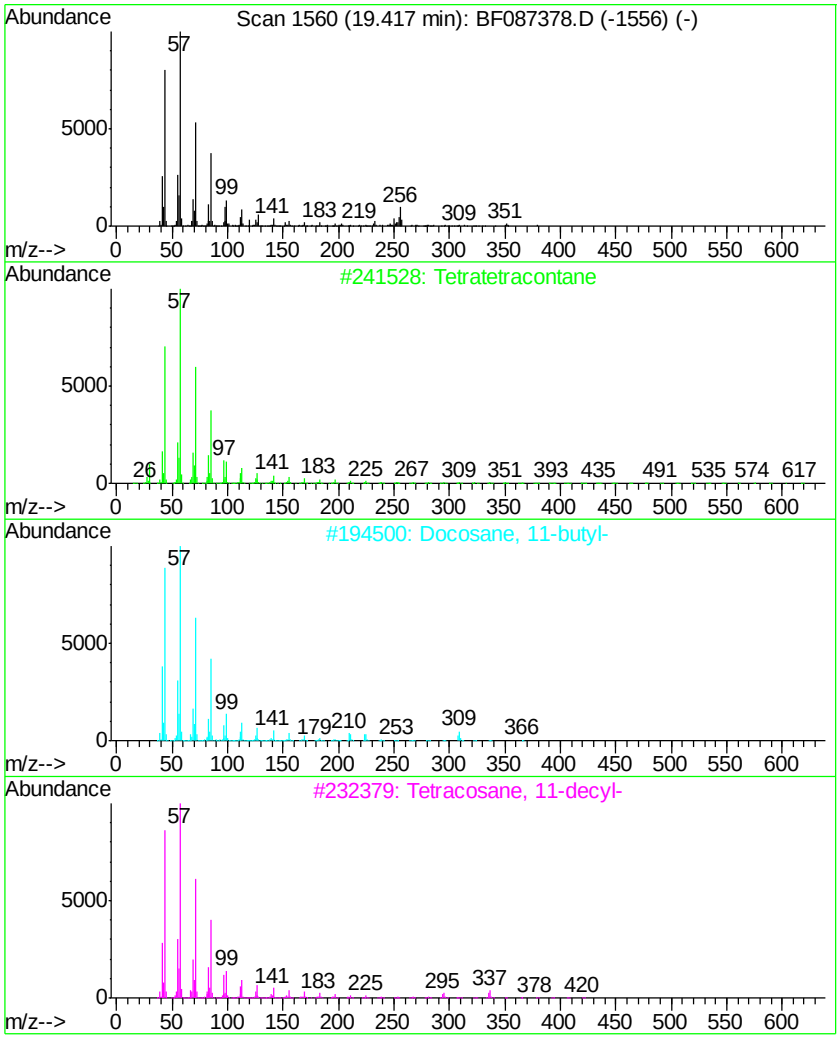
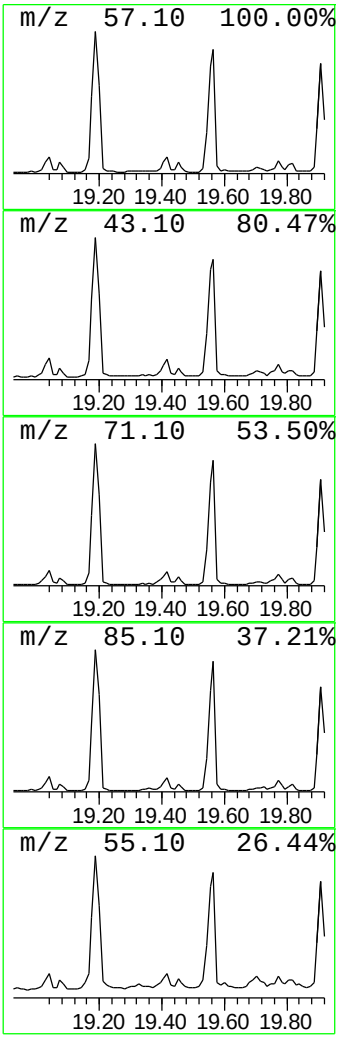
Peak Number 10 Tetratetracontane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	29.30 ng	1008880	Perylene-d12	20.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	81
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	74
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	74
4	Hexacosane	366	C26H54	000630-01-3	72
5	Tricosane	324	C23H48	000638-67-5	70





Library Search Compound Report

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Acq On : 25 May 2016 18:27
Operator : UM/SJ
Sample : H3211-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1304-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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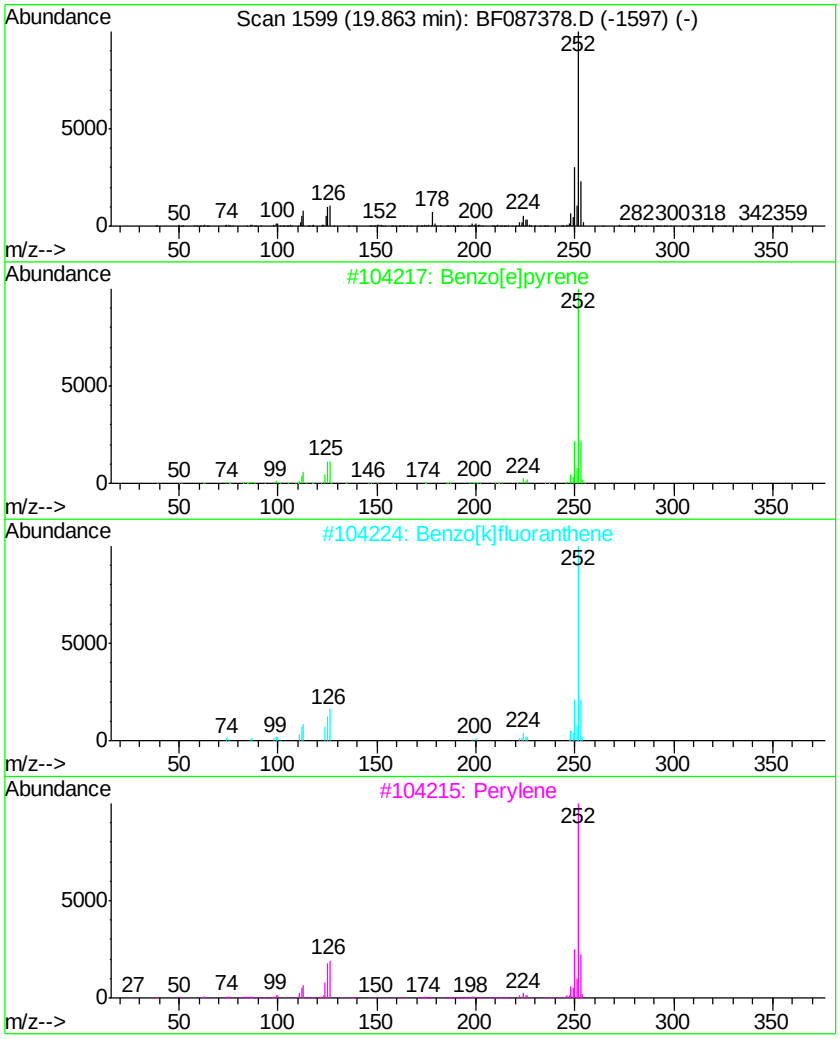
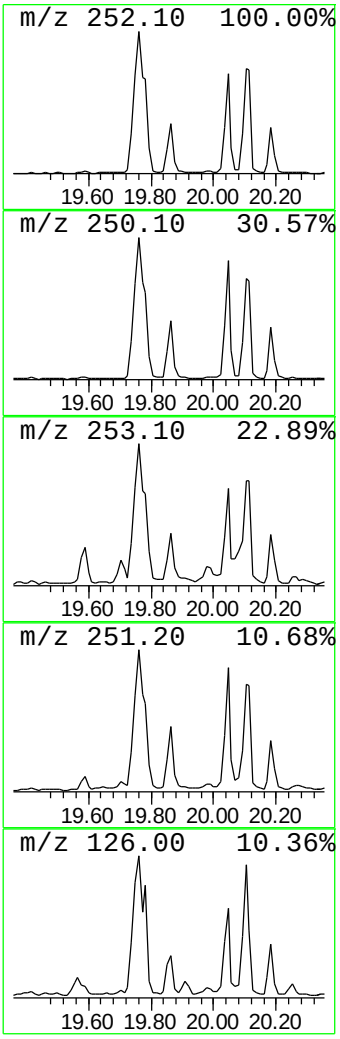
Peak Number 12 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.86	30.64 ng	1054790	Perylene-d12	20.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Acq On : 25 May 2016 18:27
Operator : UM/SJ
Sample : H3211-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1304-(0-4)

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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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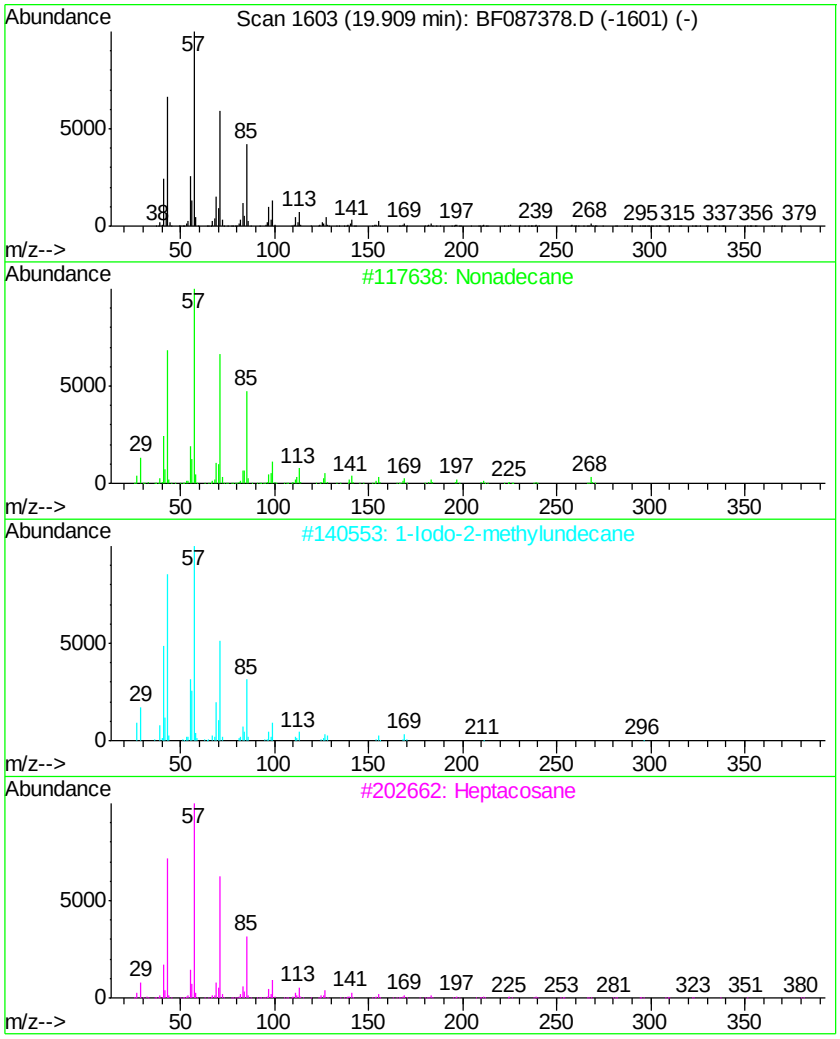
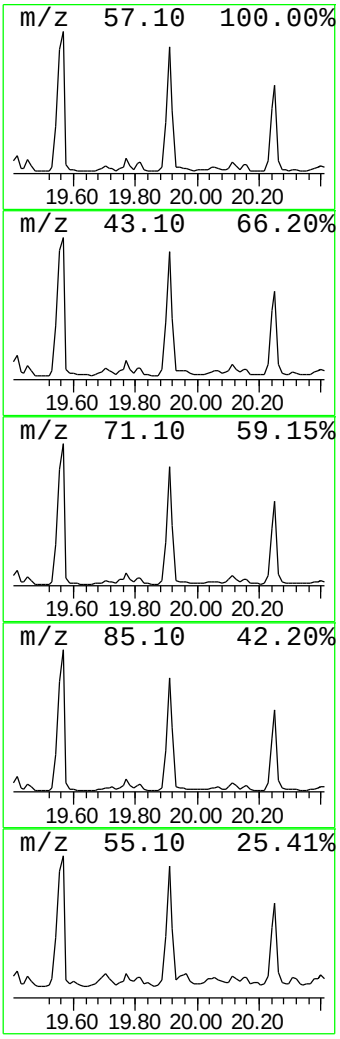
Peak Number 13 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	157.96 ng	5438440	Perylene-d12	20.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90





Library Search Compound Report

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Acq On : 25 May 2016 18:27
Operator : UM/SJ
Sample : H3211-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1304-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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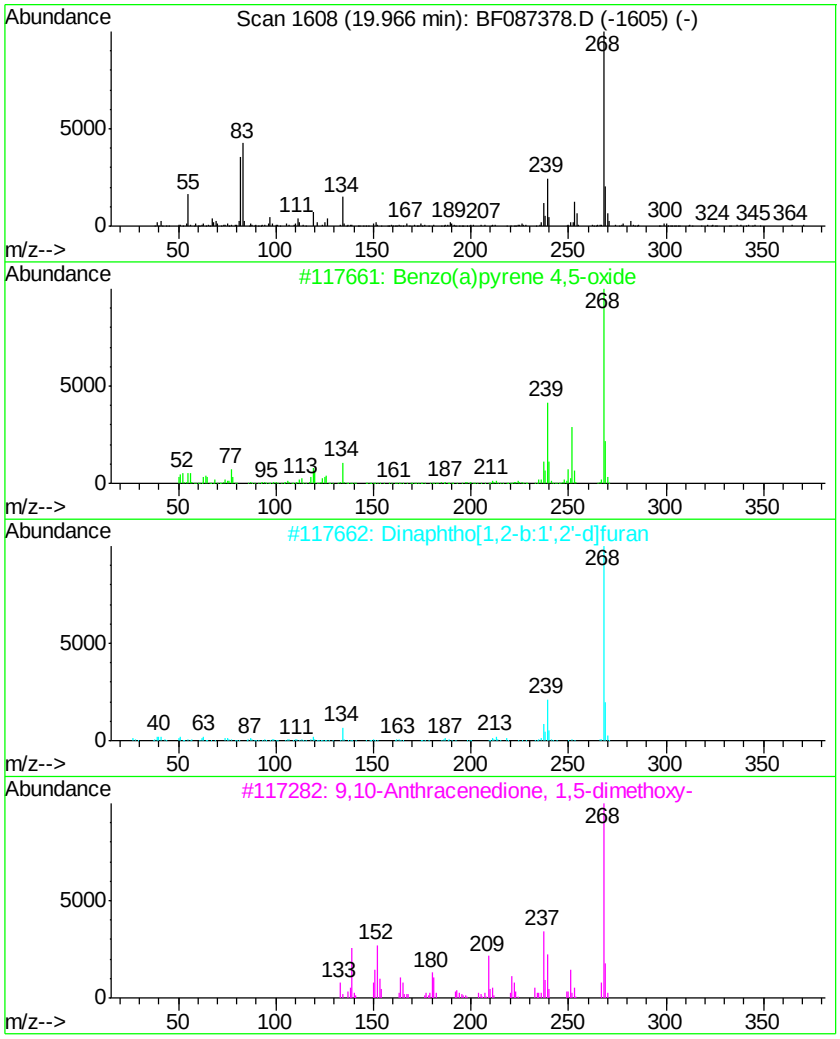
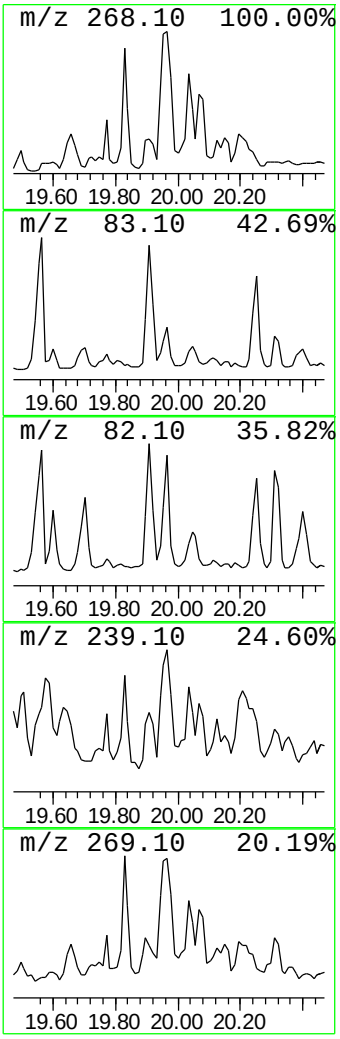
Peak Number 14 Benzo(a)pyrene 4,5-oxide Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	25.88 ng	891151	Perylene-d12	20.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	70
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	70
3	9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	59
4	3,4-Epoxy-4a-ethyl-2,3,4,4a,5,6-...	268	C17H20N2O	080249-75-8	49
5	9,10-Anthracenedione, 1,4,5,8-te...	268	C14H12N4O2	002475-45-8	47





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Acq On : 25 May 2016 18:27
Operator : UM/SJ
Sample : H3211-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1304-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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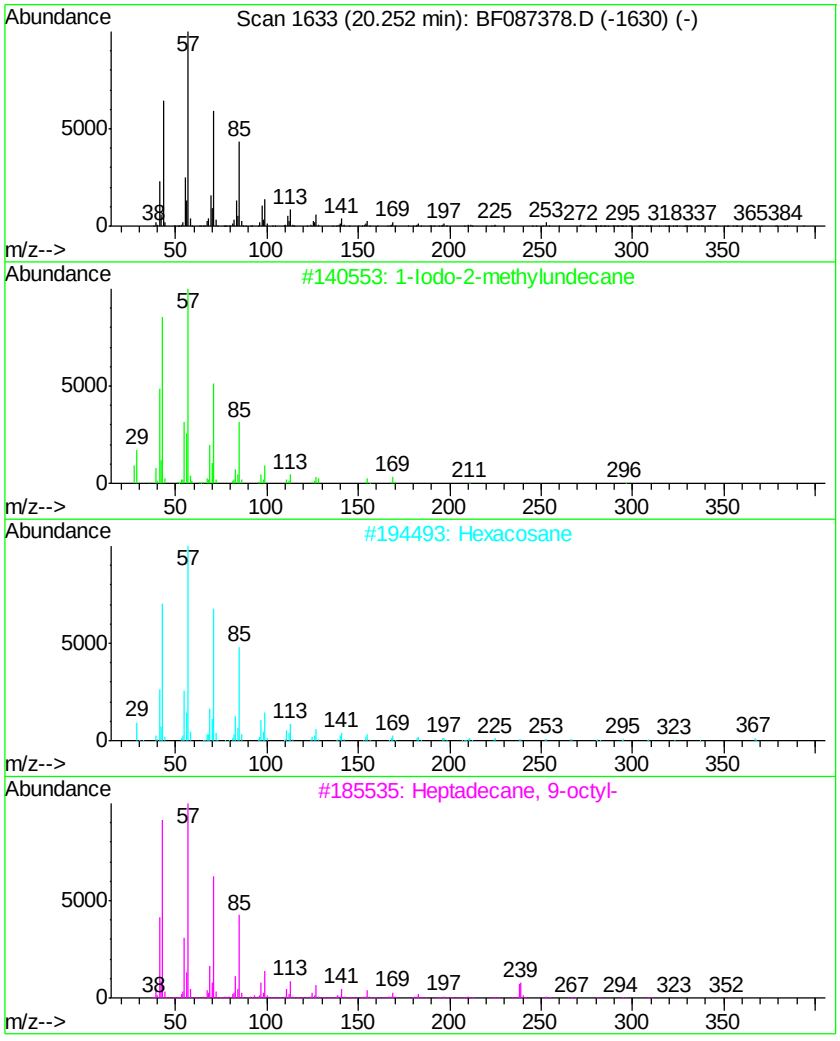
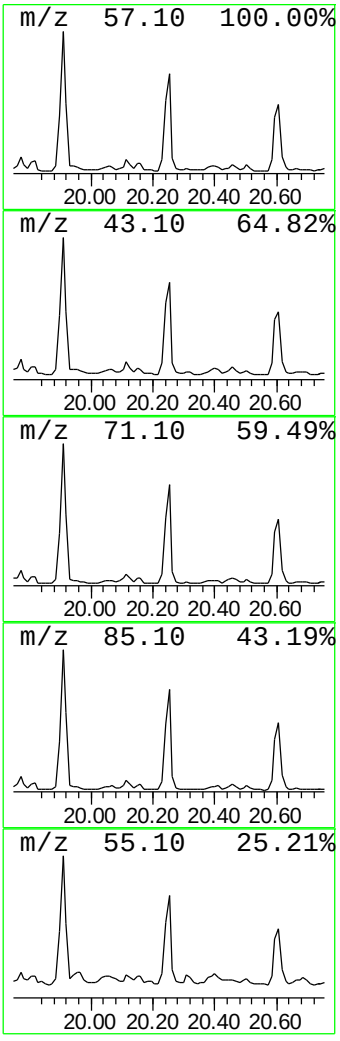
Peak Number 16 1-Iodo-2-methylundecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	118.49 ng	4079450	Perylene-d12	20.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Hexatriacontane	507	C36H74	000630-06-8	91





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Acq On : 25 May 2016 18:27
Operator : UM/SJ
Sample : H3211-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1304-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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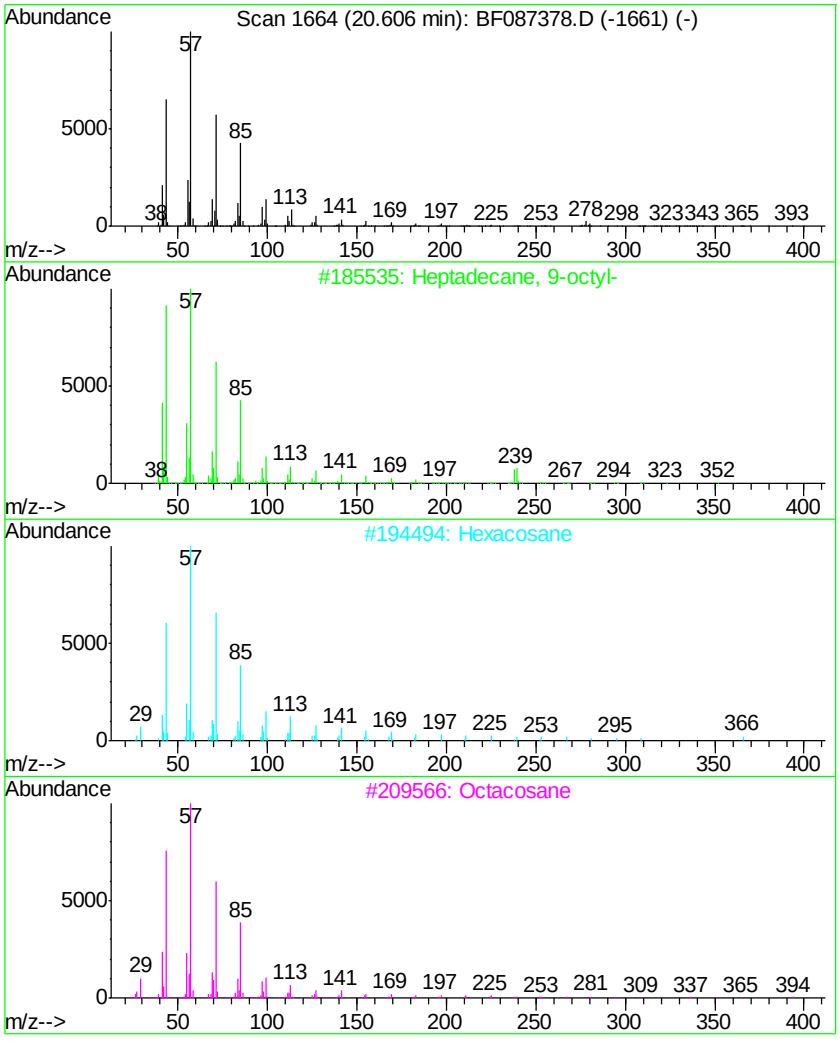
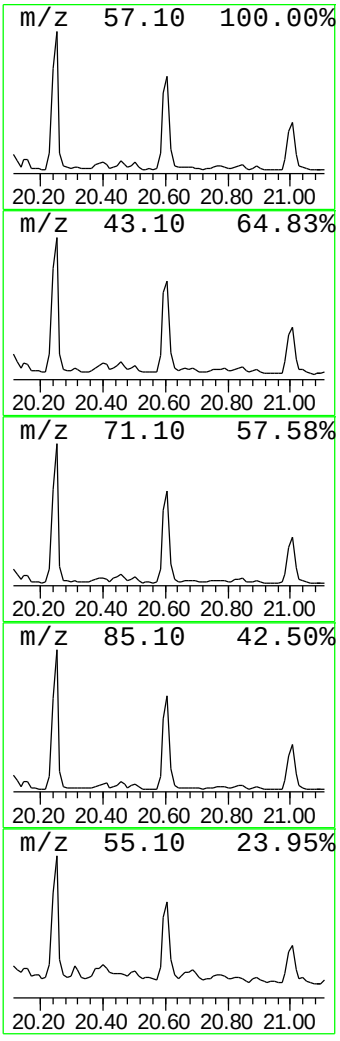
Peak Number 17 Heptadecane, 9-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.61	89.82 ng	3092590	Perylene-d12	20.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Hexacosane	366	C26H54	000630-01-3	93
3	Octacosane	394	C28H58	000630-02-4	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Hexatriacontane	507	C36H74	000630-06-8	91





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Acq On : 25 May 2016 18:27
Operator : UM/SJ
Sample : H3211-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1304-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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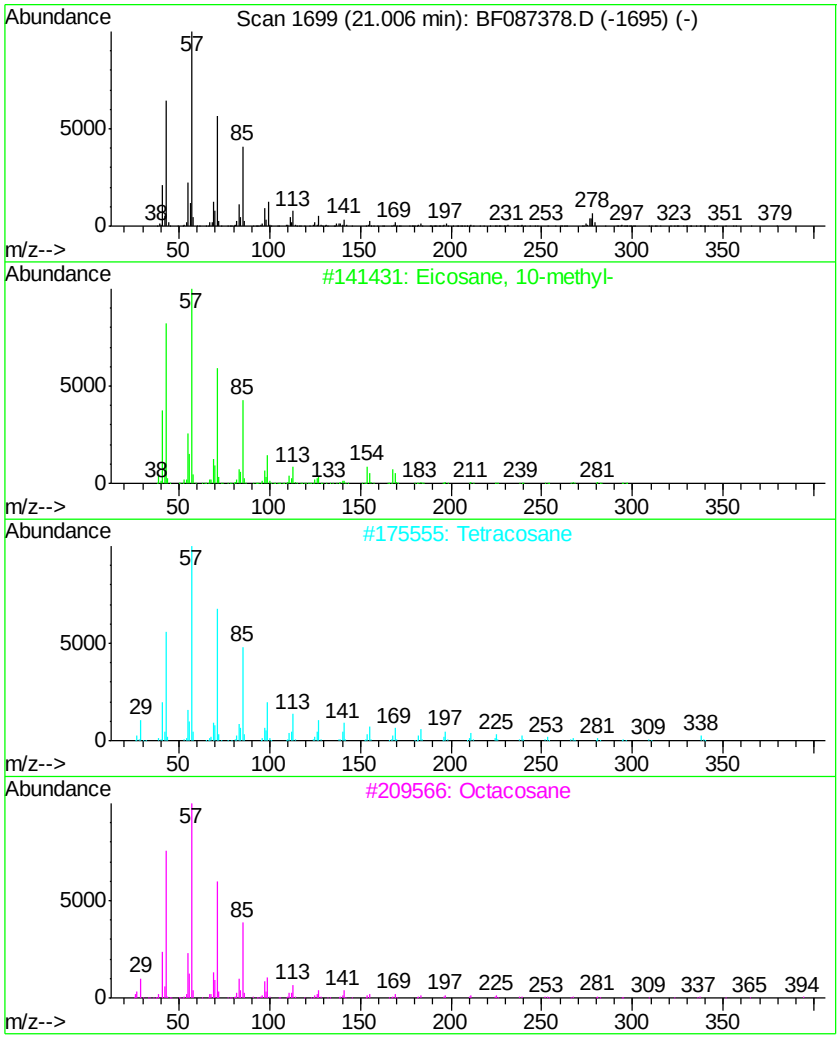
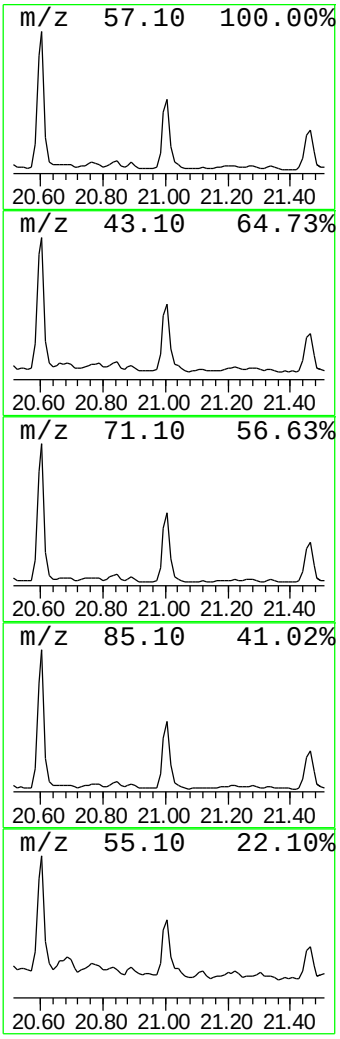
Peak Number 18 Eicosane, 10-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	53.84 ng	1853590	Perylene-d12	20.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
2	Tetracosane	338	C24H50	000646-31-1	89
3	Octacosane	394	C28H58	000630-02-4	87
4	Pentacosane	352	C25H52	000629-99-2	87
5	Hentriacontane	437	C31H64	000630-04-6	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087378.D
Acq On : 25 May 2016 18:27
Operator : UM/SJ
Sample : H3211-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1304-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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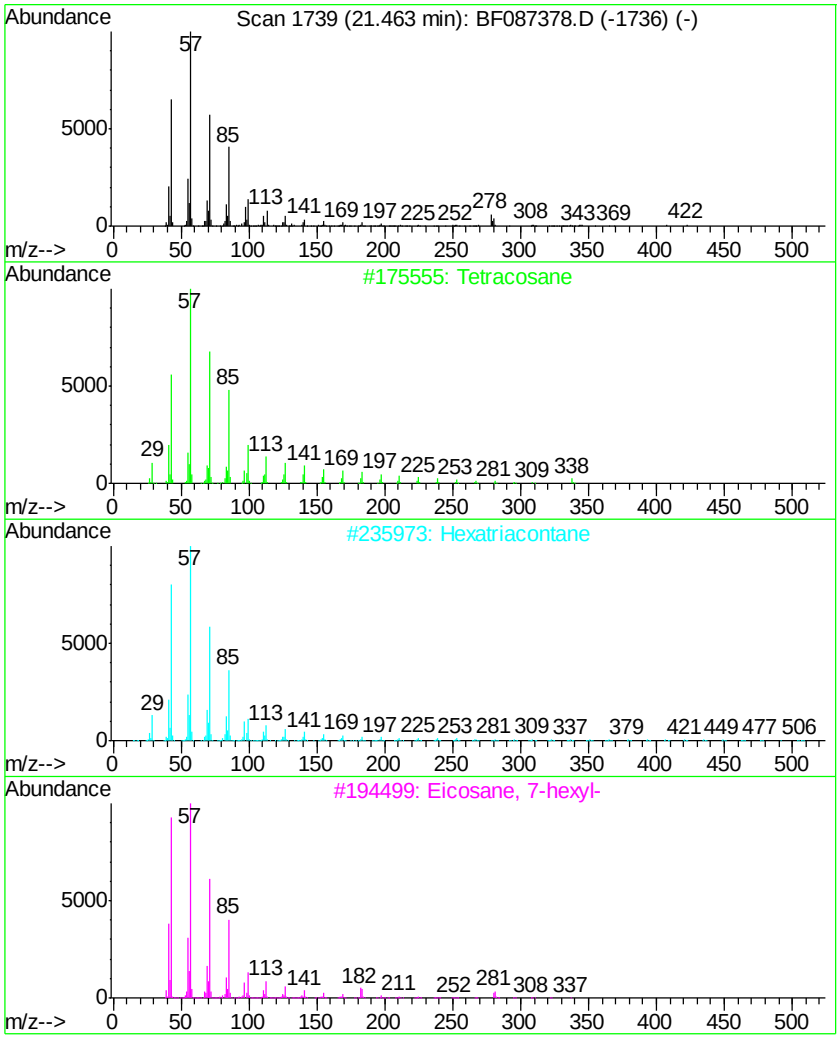
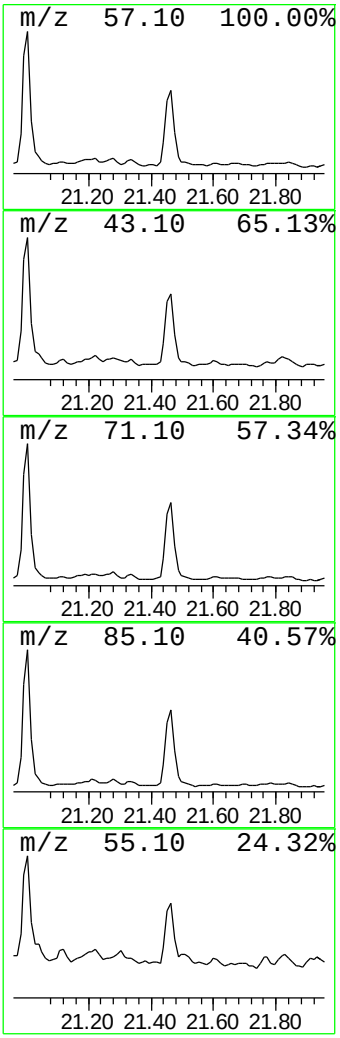
Peak Number 19 Tetracosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	28.51 ng	981451	Perylene-d12	20.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Hexatriacontane	507	C36H74	000630-06-8	87
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	87





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Sample : H3211-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1304-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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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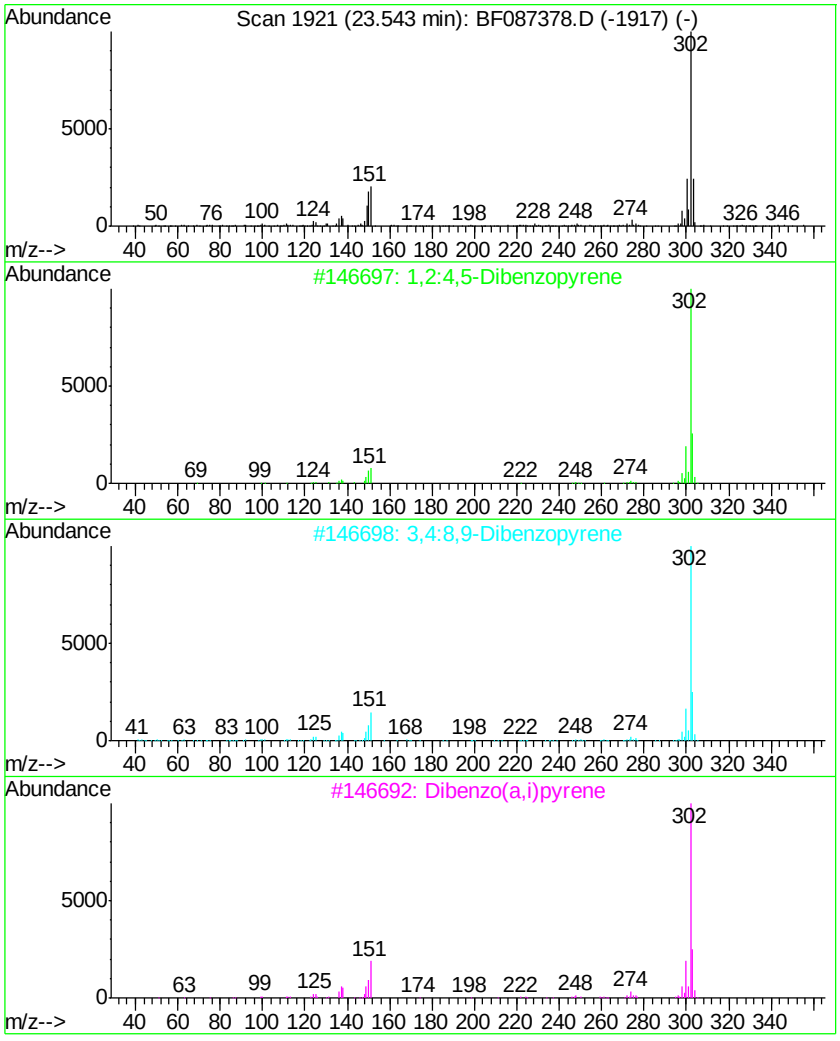
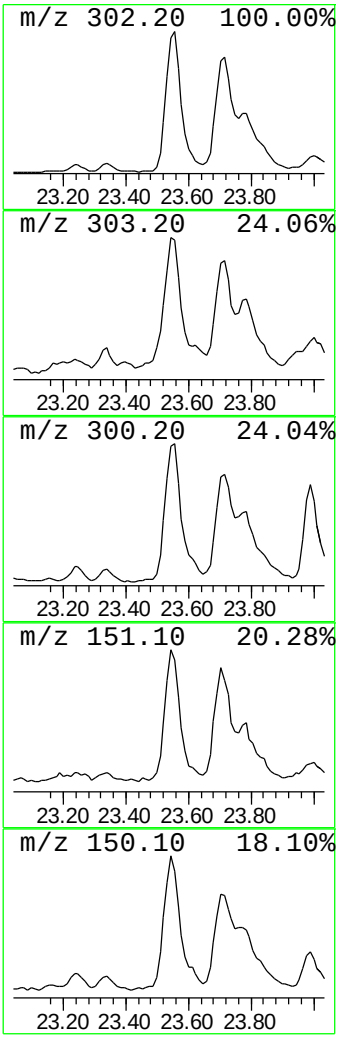
Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.54	27.70 ng	953653	Perylene-d12	20.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	98
2	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	94
3	Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	91
4	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	89
5	1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052516\
Data File : BF087378.D
Acq On : 25 May 2016 18:27
Operator : UM/SJ
Sample : H3211-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TA-1304-(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.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
unknown7.16	7.16	73.9	ng	2673960	1	7.52	724083	20.0
Octadecane	17.06	26.2	ng	6118920	5	18.49	4671000	20.0
Tridecane, 6-propyl-	17.99	43.3	ng	10118700	5	18.49	4671000	20.0
Pentadecane, 8-he...	18.81	41.9	ng	9779820	5	18.49	4671000	20.0
Tetratetracontane	19.42	29.3	ng	1008880	6	20.16	688603	20.0
Benzo[e]pyrene	19.86	30.6	ng	1054790	6	20.16	688603	20.0
Nonadecane	19.91	158.0	ng	5438440	6	20.16	688603	20.0
Benzo(a)pyrene 4,...	19.97	25.9	ng	891151	6	20.16	688603	20.0
1-Iodo-2-methylun...	20.25	118.5	ng	4079450	6	20.16	688603	20.0
Heptadecane, 9-oc...	20.61	89.8	ng	3092590	6	20.16	688603	20.0
Eicosane, 10-methyl-	21.01	53.8	ng	1853590	6	20.16	688603	20.0
Tetracosane	21.46	28.5	ng	981451	6	20.16	688603	20.0
1,2:4,5-Dibenzopy...	23.54	27.7	ng	953653	6	20.16	688603	20.0