LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132601.D
Acq On : 01 Mar 2023 20:26
Operator : CG\JU
Sample : 01726-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-022723

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-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132601.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.222	444	448	457	rVB	984600	1015220	18.76%	1.337%
2	5.622	512	516	525	rVB	1797033	1656797	30.62%	2.182%
3	6.622	681	686	693	rBV	1809487	1531563	28.30%	2.017%
4	7.004	747	751	754	rBV	1374318	1069823	19.77%	1.409%
5	7.563	843	846	849	rVV	1173005	978822	18.09%	1.289%
6	8.257	961	964	966	rVV	262908	232074	4.29%	0.306%
7	8.287	966	969	971	rVV	1406582	1242125	22.95%	1.636%
8	8.310	971	973	975	rVV	593283	450151	8.32%	0.593%
9	8.869	1065	1068	1072	rVB	350211	301920	5.58%	0.398%
10	9.004	1088	1091	1094	rVB	462037	367192	6.79%	0.484%
11	9.104	1103	1108	1111	rBV2	442730	421802	7.79%	0.555%
12	9.263	1132	1135	1139	rVV	483773	513600	9.49%	0.676%
13	9.363	1148	1152	1155	rBV	1857206	1460768	26.99%	1.924%
14	9.433	1161	1164	1167	rBV	656038	506469	9.36%	0.667%
15	9.633	1194	1198	1202	rBV2	220695	321766	5.95%	0.424%
16	9.704	1202	1210	1213	rBV2	403138	547441	10.12%	0.721%
17	9.822	1226	1230	1232	rBV4	225524	226216	4.18%	0.298%
18	9.910	1242	1245	1249	rBV2	425034	376588	6.96%	0.496%
19	9.963	1251	1254	1258	rVV	701253	570882	10.55%	0.752%
20	10.051	1266	1269	1272	rVV	1426909	1156057	21.36%	1.522%
21	10.081	1272	1274	1277	rVV	412947	375383	6.94%	0.494%
22	10.204	1290	1295	1297	rBV3	97137	162581	3.00%	0.214%
23	10.251	1300	1303	1306	rVB2	395967	386952	7.15%	0.510%
24	10.286	1306	1309	1313	rBV2	294381	291600	5.39%	0.384%
25	10.363	1319	1322	1325	rBV2	213096	254156	4.70%	0.335%
26	10.463	1334	1339	1343	rBV2	667280	740417	13.68%	0.975%
27	10.598	1359	1362	1369	rVV	693947	683448	12.63%	0.900%
28	10.686	1372	1377	1379	rVV2	324401	401862	7.43%	0.529%
29	10.763	1384	1390	1396	rVB2	611239	694672	12.84%	0.915%
30	10.839	1400	1403	1407	rVV	1086007	937883	17.33%	1.235%
31	10.939	1417	1420	1430	rVB2	683920	927454	17.14%	1.221%
32	11.151	1450	1456	1458	rBV3	244281	351758	6.50%	0.463%
33	11.175	1458	1460	1463	rVB3	152819	152557	2.82%	0.201%
34	11.233	1467	1470	1472	rVB2	163178	162082	3.00%	0.213%
35	11.269	1472	1476	1480	rBV6	117708	248300	4.59%	0.327%
36	11.345	1487	1489	1494	rVB2	150173	152073	2.81%	0.200%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
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Operator : CG\JU
Sample : 01726-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-022723

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-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.392	1494	1497	1499	rVV	649999	530521	9.80%	0.699%
38	11.422	1499	1502	1504	rVV	249372	267931	4.95%	0.353%
39	11.439	1504	1505	1509	rVB	343885	284237	5.25%	0.374%
40	11.545	1520	1523	1525	rBV	1332832	1240737	22.93%	1.634%
41	11.575	1525	1528	1531	rVV	3771598	3245545	59.98%	4.274%
42	11.622	1533	1536	1539	rVV	1078538	884791	16.35%	1.165%
43	11.657	1539	1542	1544	rVV2	139350	163615	3.02%	0.215%
44	11.704	1547	1550	1555	rBV5	106834	144611	2.67%	0.190%
45	11.775	1559	1562	1567	rBV	339561	368666	6.81%	0.485%
46	11.822	1567	1570	1572	rBV	453121	358792	6.63%	0.472%
47	11.880	1577	1580	1584	rVB	243768	248596	4.59%	0.327%
48	11.922	1584	1587	1591	rVB	261779	210691	3.89%	0.277%
49	11.963	1591	1594	1596	rBV	146062	146337	2.70%	0.193%
50	12.051	1606	1609	1611	rBV	1119366	1004465	18.56%	1.323%
51	12.080	1611	1614	1617	rVB	1214002	1069152	19.76%	1.408%
52	12.127	1618	1622	1625	rBV	333226	363341	6.71%	0.478%
53	12.163	1625	1628	1630	rVV2	1134650	1261926	23.32%	1.662%
54	12.186	1630	1632	1637	rVB	701059	549013	10.15%	0.723%
55	12.227	1637	1639	1642	rBV	447240	396083	7.32%	0.522%
56	12.345	1656	1659	1661	rVV	503623	418480	7.73%	0.551%
57	12.374	1661	1664	1669	rVB2	406146	400422	7.40%	0.527%
58	12.527	1687	1690	1692	rVB	342021	255523	4.72%	0.336%
59	12.551	1692	1694	1697	rVB	270590	214887	3.97%	0.283%
60	12.616	1699	1705	1707	rBV3	1442773	2046971	37.83%	2.696%
61	12.633	1707	1708	1711	rVV3	798341	656872	12.14%	0.865%
62	12.692	1715	1718	1721	rBV2	430415	533307	9.86%	0.702%
63	12.774	1727	1732	1735	rBV	4737618	4607495	85.14%	6.067%
64	12.810	1735	1738	1740	rVV	186802	147302	2.72%	0.194%
65	12.833	1740	1742	1745	rVV2	203060	203602	3.76%	0.268%
66	12.921	1755	1757	1759	rBV	212474	164618	3.04%	0.217%
67	13.010	1764	1772	1776	rBV	4096955	5411369	100.00%	7.126%
68	13.051	1776	1779	1783	rBV2	388338	379938	7.02%	0.500%
69	13.133	1786	1793	1796	rBV2	1832484	1964686	36.31%	2.587%
70	13.157	1796	1797	1801	rVB	331971	241609	4.46%	0.318%
71	13.216	1803	1807	1811	rBV3	504320	847722	15.67%	1.116%
72	13.304	1819	1822	1823	rBV3	380668	381304	7.05%	0.502%
73	13.327	1823	1826	1829	rVV	1037973	968983	17.91%	1.276%
74	13.398	1835	1838	1840	rVB	736194	646641	11.95%	0.852%
75	13.433	1840	1844	1847	rBV2	788697	774652	14.32%	1.020%
76	13.527	1857	1860	1863	rBV	519651	446642	8.25%	0.588%

LSC Area Percent Report

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Acq On : 01 Mar 2023 20:26
Operator : CG\JU
Sample : 01726-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-022723

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-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.557	1863	1865	1868	rVV	445482	429925	7.94%	0.566%
78	13.698	1887	1889	1891	rBV2	173466	151533	2.80%	0.200%
79	13.810	1906	1908	1910	rBV2	169500	189470	3.50%	0.249%
80	13.839	1910	1913	1917	rVB	446875	473999	8.76%	0.624%
81	13.951	1928	1932	1935	rBV3	453668	633988	11.72%	0.835%
82	13.980	1935	1937	1939	rVV	501798	393951	7.28%	0.519%
83	14.010	1939	1942	1946	rVV3	381382	623264	11.52%	0.821%
84	14.051	1946	1949	1953	rVB	388214	417551	7.72%	0.550%
85	14.198	1970	1974	1978	rBV3	2590634	3675007	67.91%	4.839%
86	14.233	1978	1980	1987	rVB	2190486	2145905	39.66%	2.826%
87	14.316	1991	1994	1996	rBV	411393	328695	6.07%	0.433%
88	14.433	2010	2014	2017	rBV2	213051	312801	5.78%	0.412%
89	14.592	2037	2041	2044	rVV	554127	635260	11.74%	0.837%
90	14.627	2045	2047	2050	rVV	272360	234334	4.33%	0.309%
91	14.727	2061	2064	2066	rBV	290385	275338	5.09%	0.363%
92	14.751	2066	2068	2071	rVB	322013	268841	4.97%	0.354%
93	15.298	2157	2161	2165	rBV	1247487	2210216	40.84%	2.910%
94	15.415	2178	2181	2185	rVB	278385	273181	5.05%	0.360%
95	15.627	2213	2217	2223	rVB	814668	1087870	20.10%	1.433%
96	15.698	2224	2229	2235	rVB	1240812	1598577	29.54%	2.105%
97	15.762	2236	2240	2243	rVV	698951	925838	17.11%	1.219%
98	15.798	2243	2246	2253	rVB2	315324	483168	8.93%	0.636%
99	17.368	2507	2513	2521	rVB3	458956	954436	17.64%	1.257%
100	17.856	2591	2596	2612	rVB	394745	894521	16.53%	1.178%

Sum of corrected areas: 75940198

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132601.D
Acq On : 01 Mar 2023 20:26
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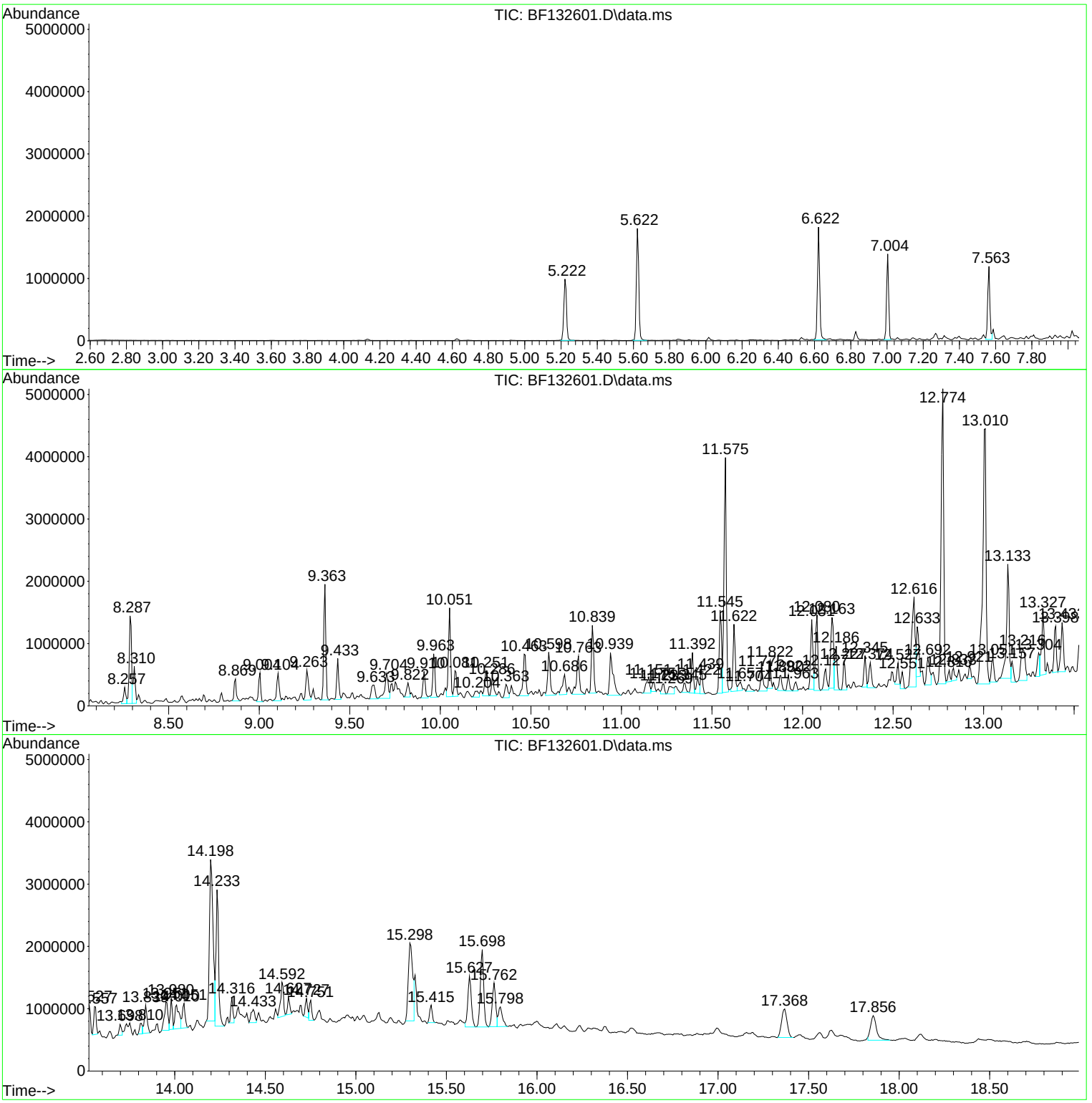
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-022723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132601.D
Acq On : 01 Mar 2023 20:26
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Instrument :
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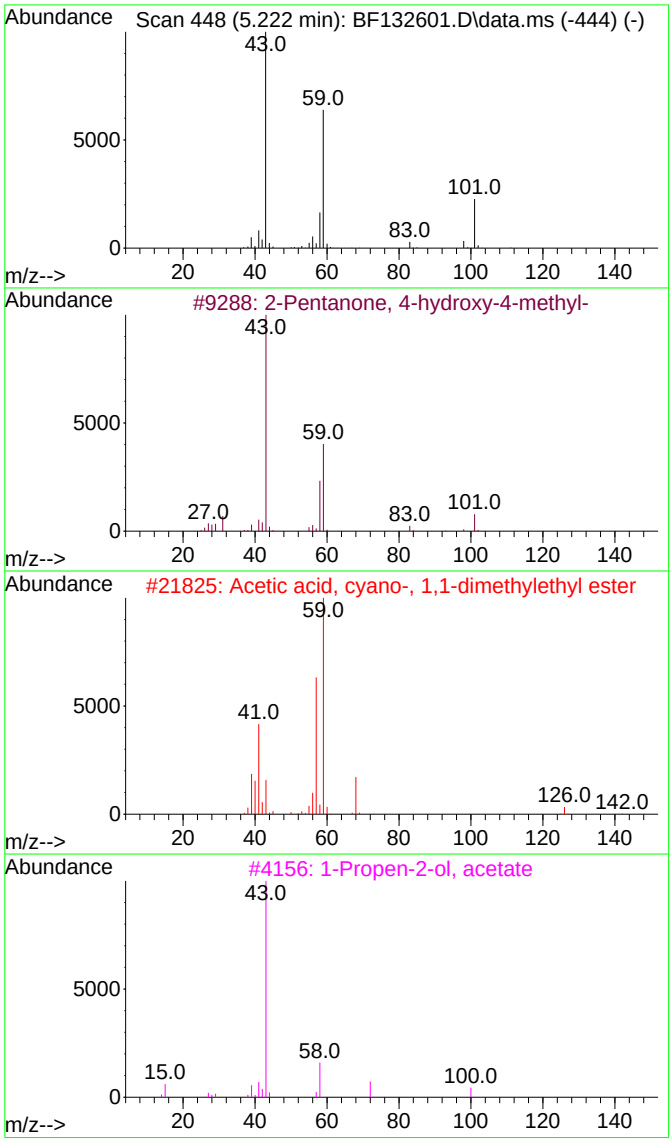
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

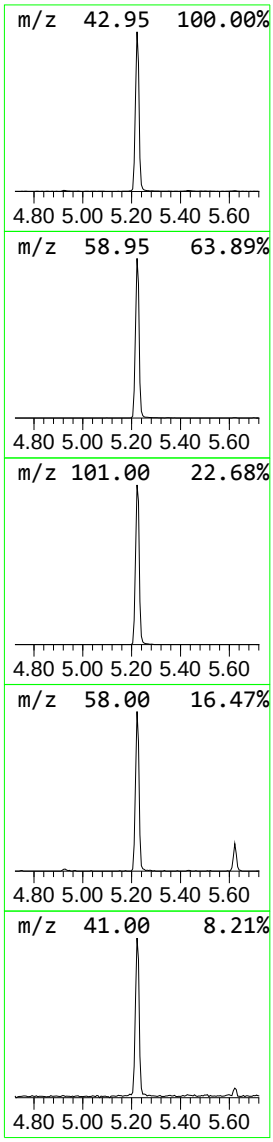
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.222	18.98 ng	1015220	1,4-Dichlorobenzene-d4	7.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Guanidine	59	CH5N3	000113-00-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132601.D
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-022723

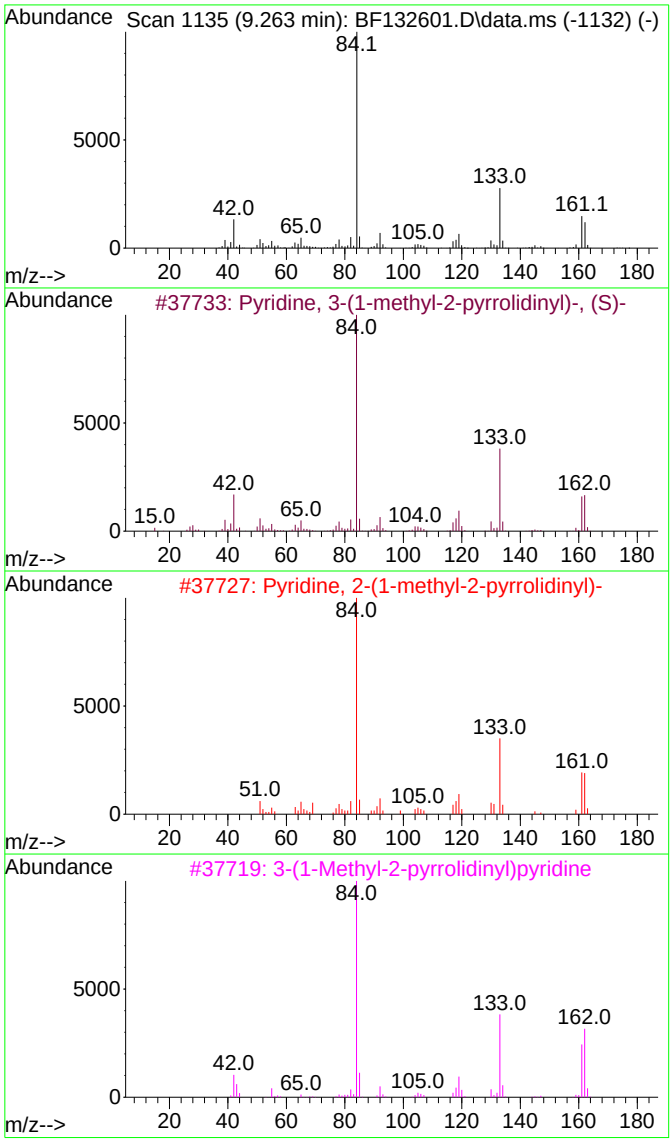
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

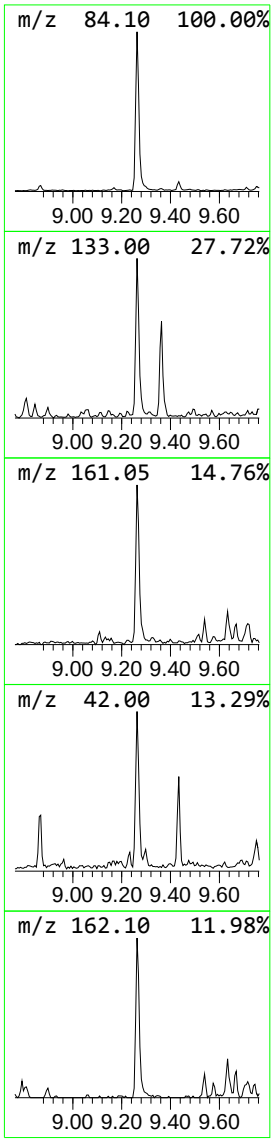
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pyridine, 3-(1-methyl-2-pyr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.263	8.89 ng	513600	Acenaphthene-d10	10.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 3-(1-methyl-2-pyrrolid...	162	C10H14N2	000054-11-5	95
2	Pyridine, 2-(1-methyl-2-pyrrolid...	162	C10H14N2	023950-04-1	94
3	3-(1-Methyl-2-pyrrolidinyl)pyridine	162	C10H14N2	1000425-83-4	91
4	1-Aminocyclopentane hydroxamic acid	144	C6H12N2O2	062104-33-0	43
5	2-Carbethoxy-N-methylpyrrolidine	157	C8H15NO2	030727-23-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132601.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

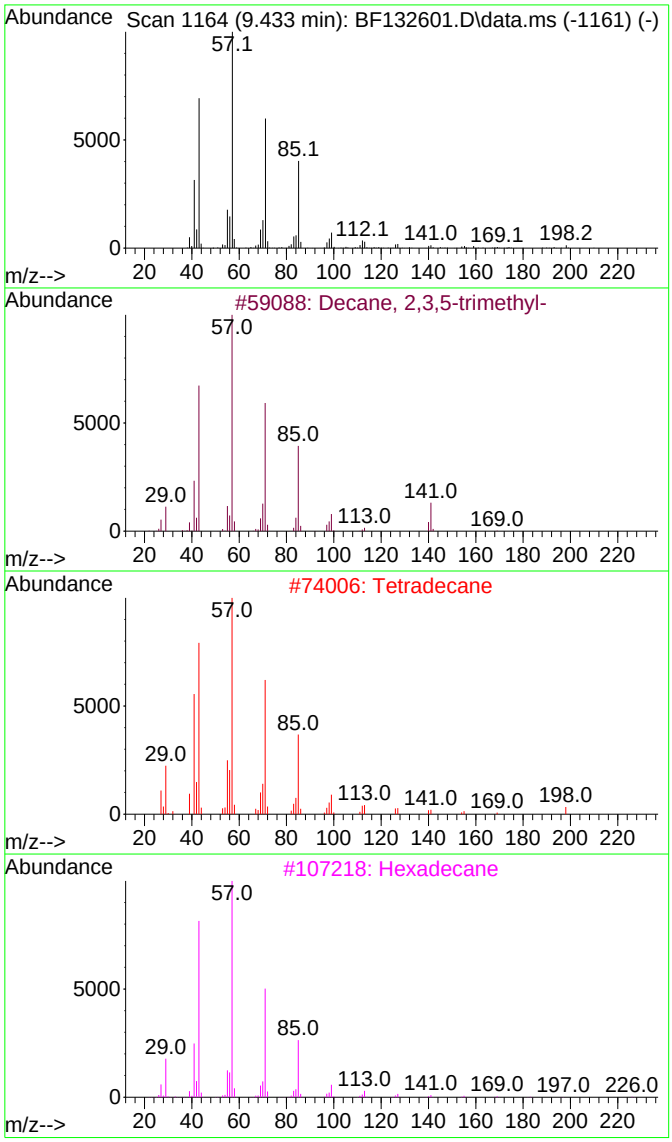
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

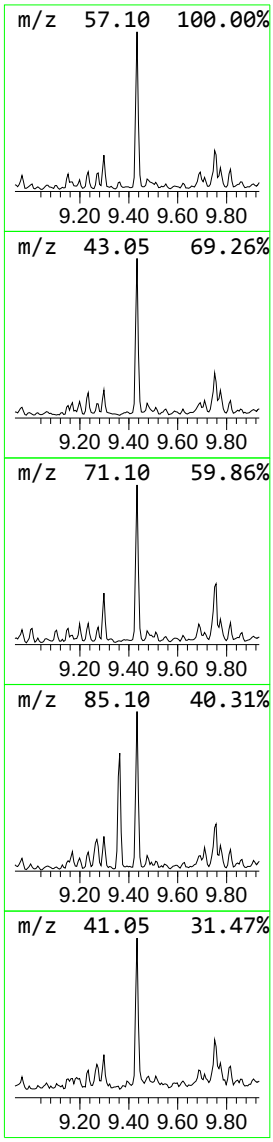
****

Peak Number 3 Decane, 2,3,5-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.433	8.76 ng	506469	Acenaphthene-d10	10.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
2	Tetradecane	198	C14H30	000629-59-4	80
3	Hexadecane	226	C16H34	000544-76-3	72
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132601.D
Acq On : 01 Mar 2023 20:26
Operator : CG\JU
Sample : 01726-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-022723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

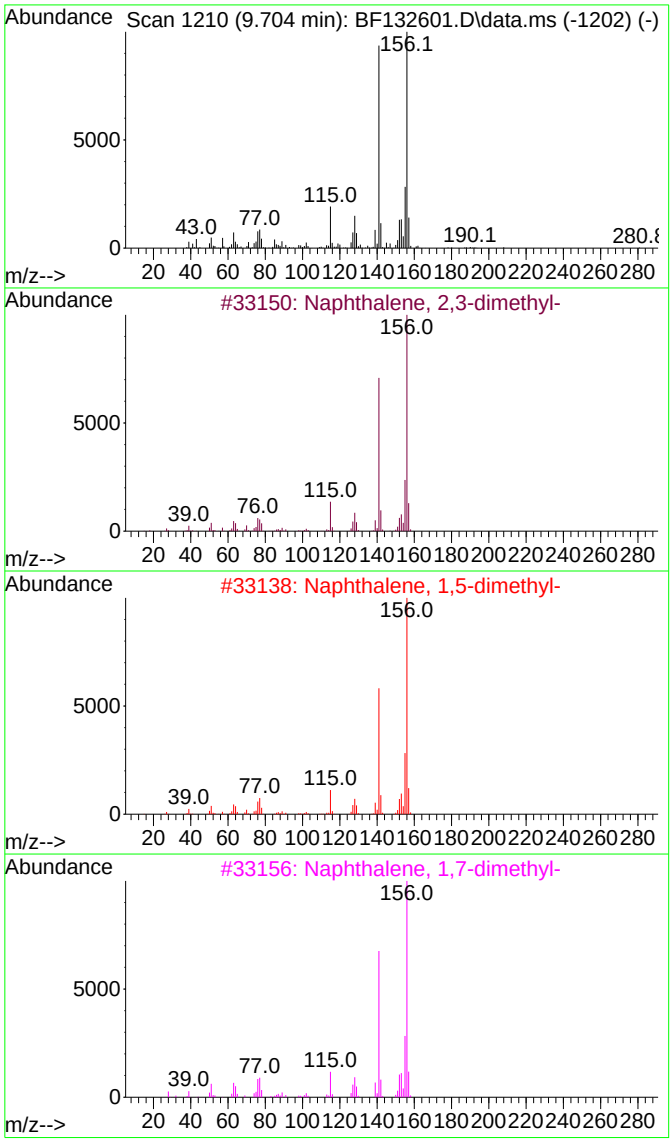
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

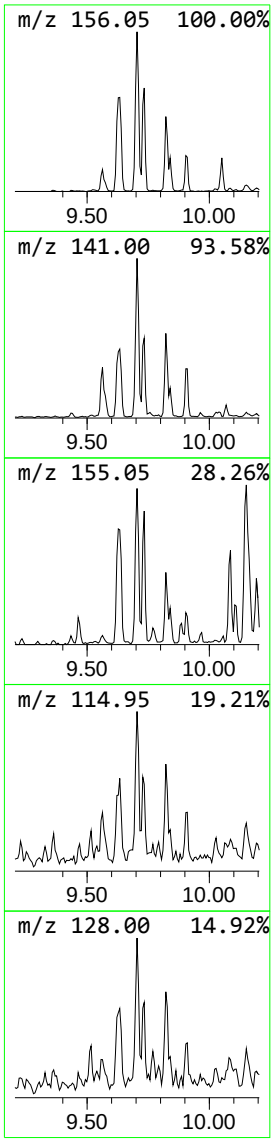
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.704	9.47 ng	547441	Acenaphthene-d10	10.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132601.D
Acq On : 01 Mar 2023 20:26
Operator : CG\JU
Sample : 01726-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-022723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

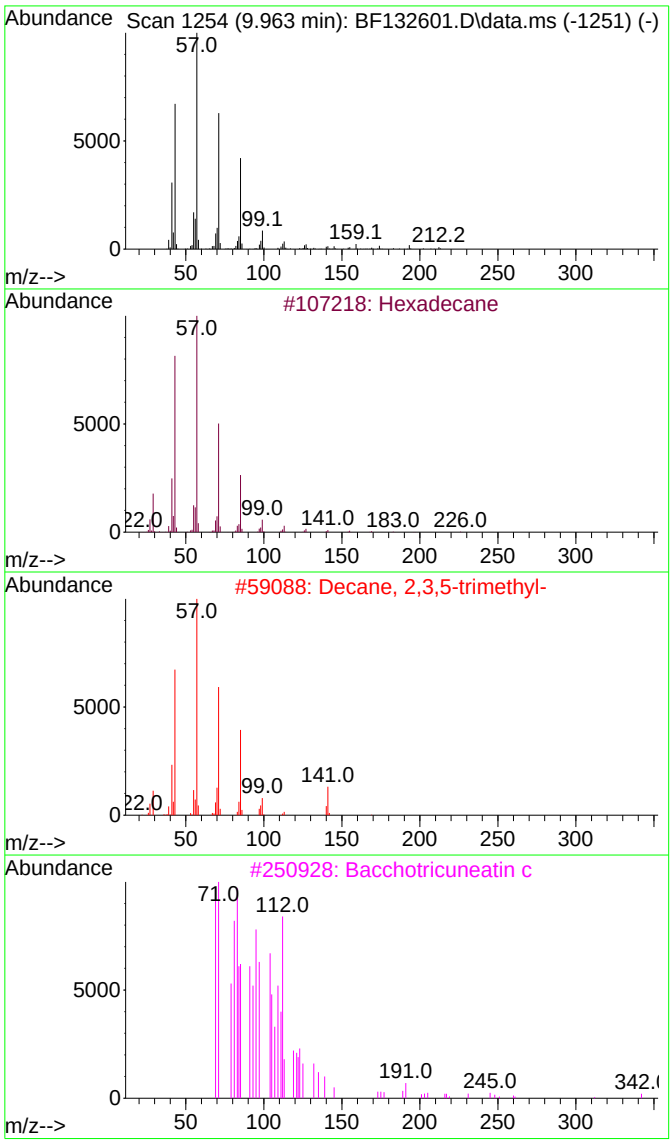
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

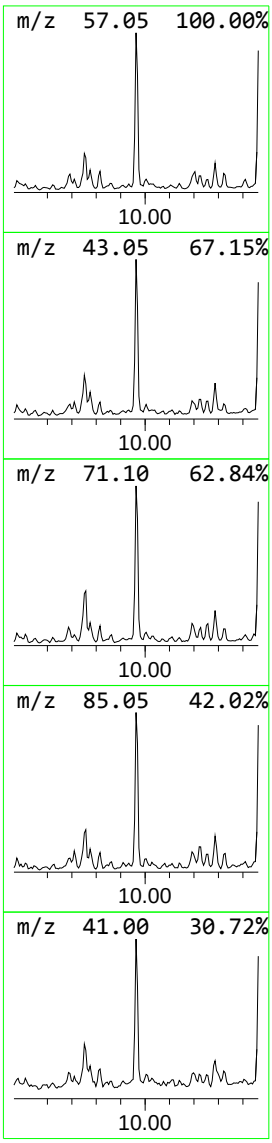
****

Peak Number 5 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.963	9.88 ng	570882	Acenaphthene-d10	10.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	59
5	Tridecane	184	C13H28	000629-50-5	53





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Sample : 01726-01 2X
Misc :
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ClientSampleId :
SU-03-022723

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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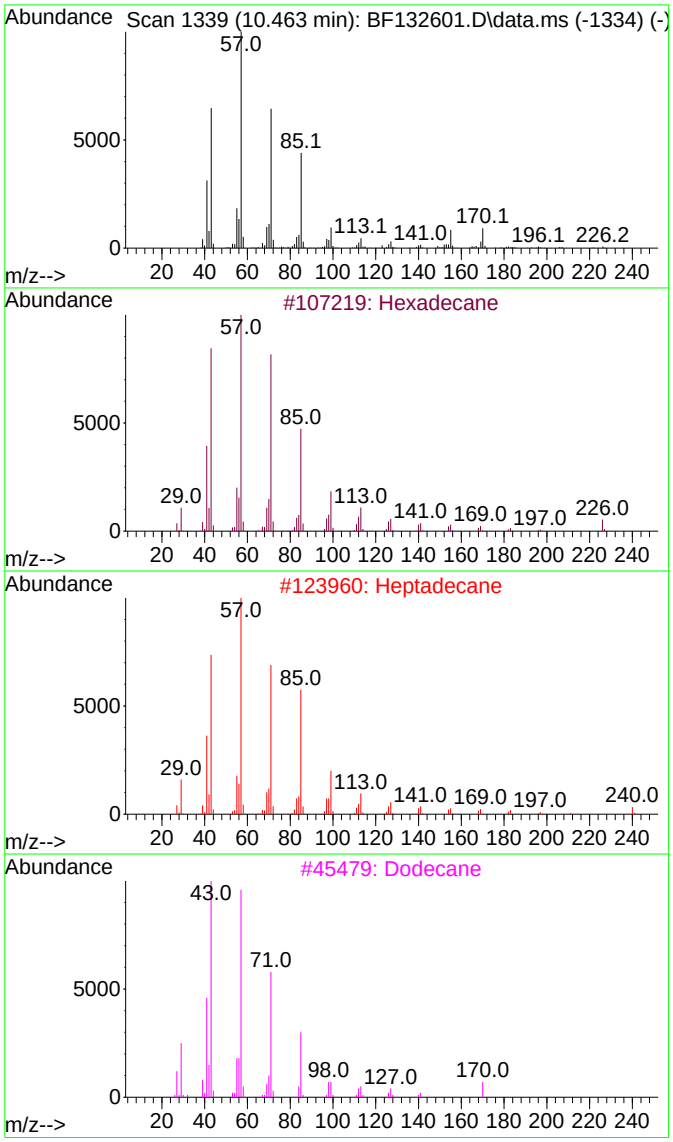
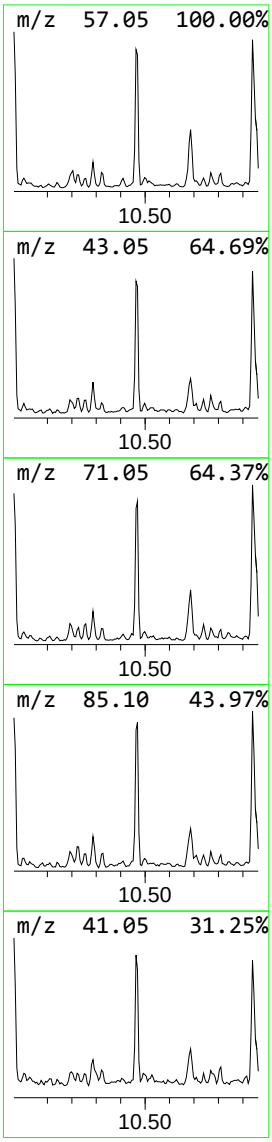
Peak Number 6 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.463	12.81 ng	740417	Acenaphthene-d10	10.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Heptadecane	240	C17H36	000629-78-7	80
3	Dodecane	170	C12H26	000112-40-3	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Decane, 5-propyl-	184	C13H28	017312-62-8	76





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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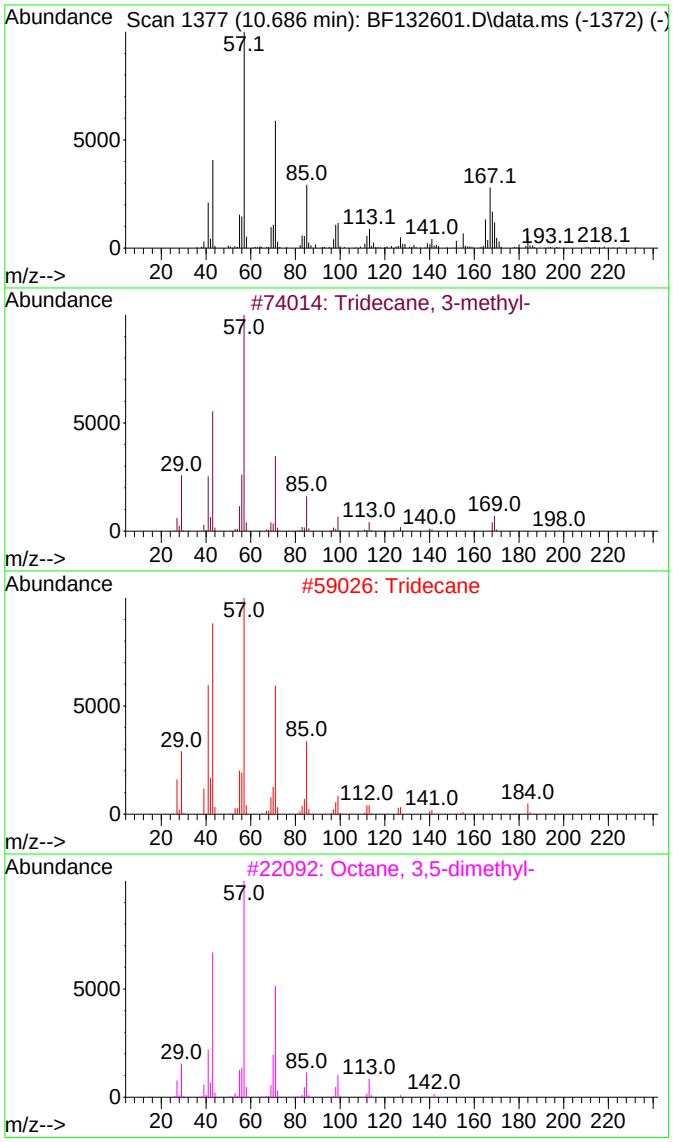
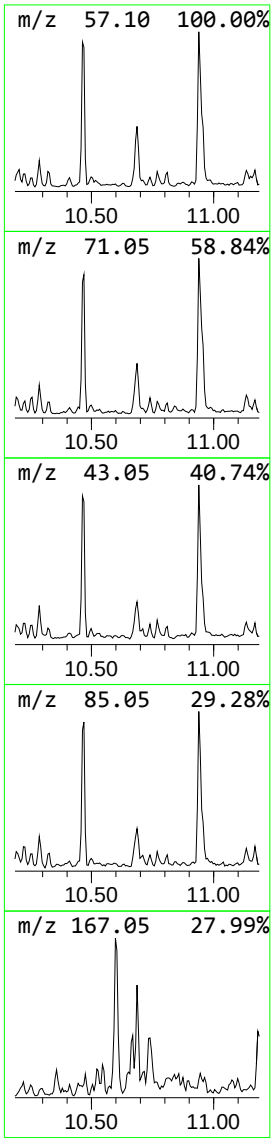
Peak Number 7 Tridecane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.686	6.95 ng	401862	Acenaphthene-d10	10.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	60
2	Tridecane	184	C13H28	000629-50-5	55
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50
4	Dodecane	170	C12H26	000112-40-3	49
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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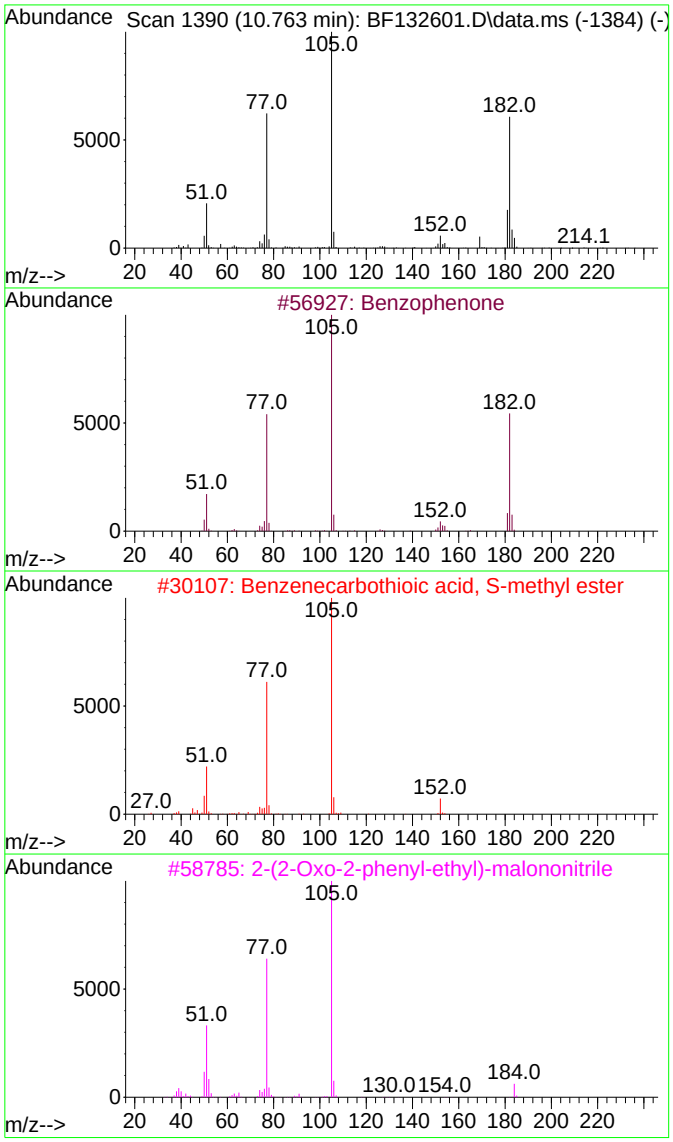
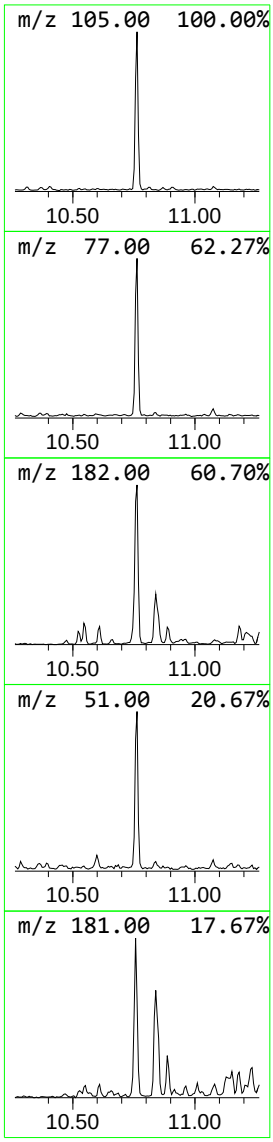
Peak Number 8 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.763	12.02 ng	694672	Acenaphthene-d10	10.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
3	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	43
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	43
5	Methanone, (4-bromo-5-methyl-2-n...	357	C12H8BrNO3S2	1000274-00-2	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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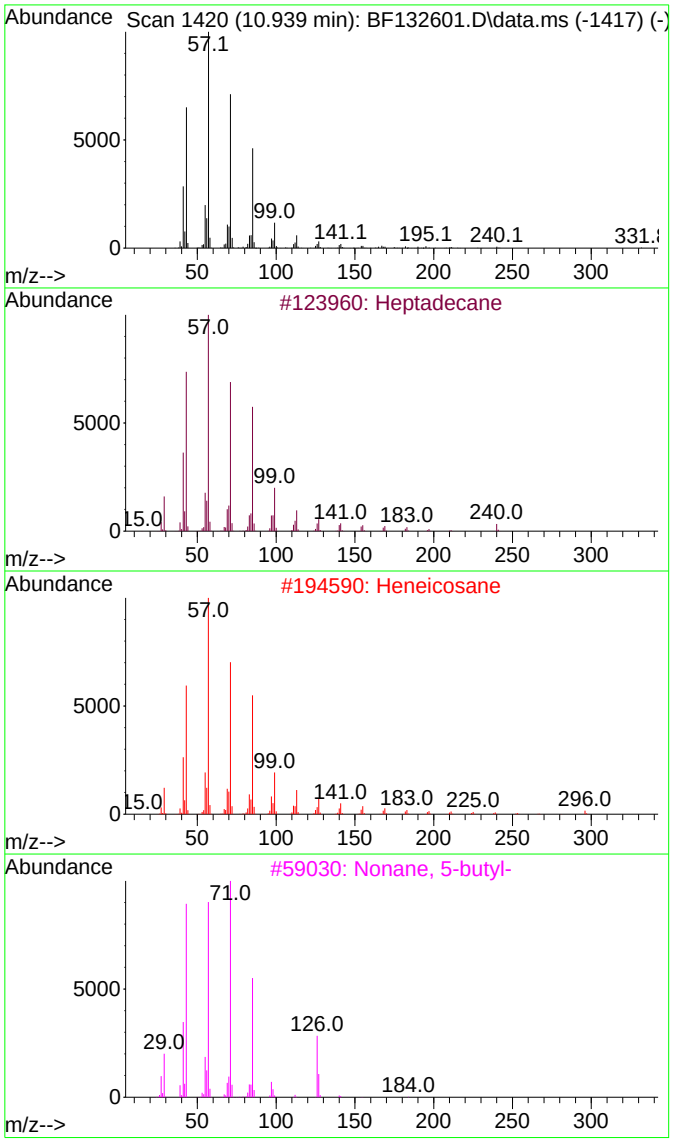
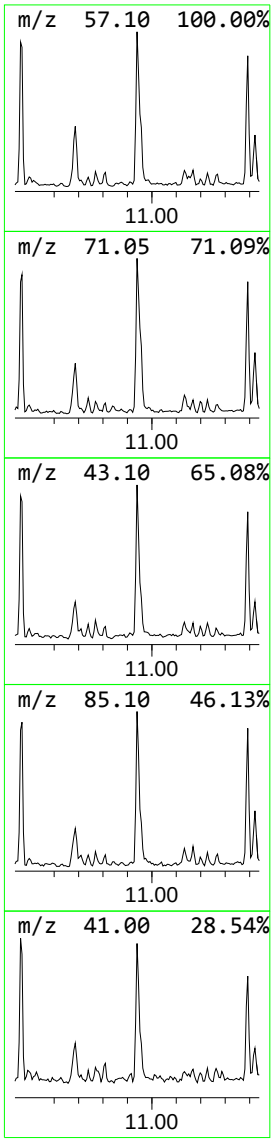
Peak Number 9 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.939	14.95 ng	927454	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heneicosane	296	C21H44	000629-94-7	90
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	81
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Hexadecane	226	C16H34	000544-76-3	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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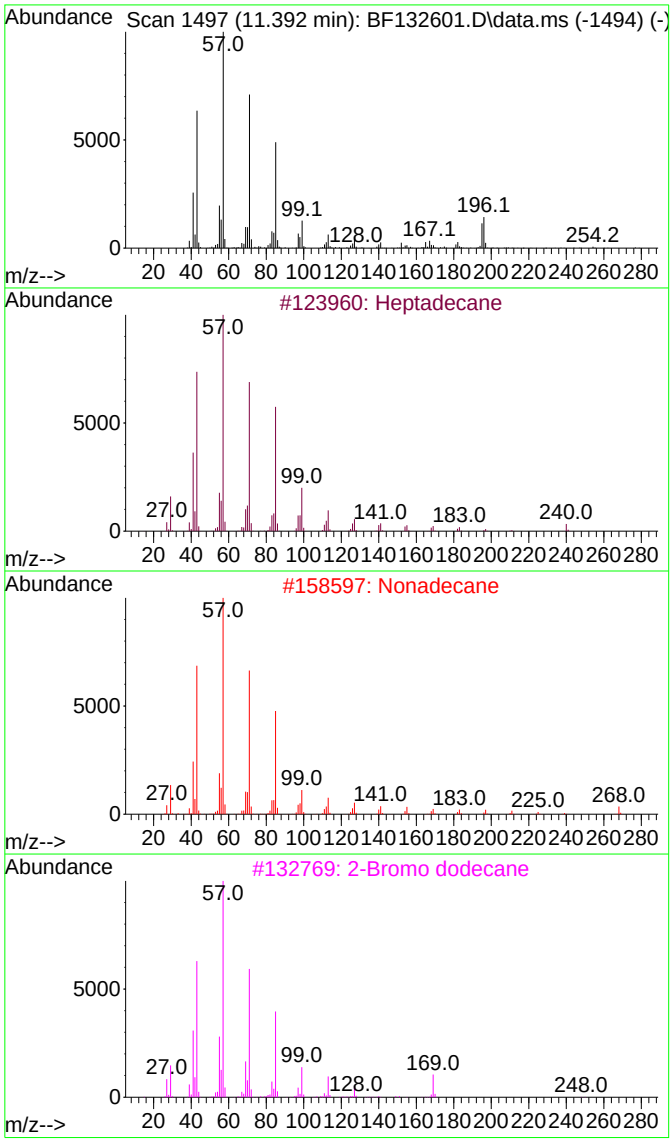
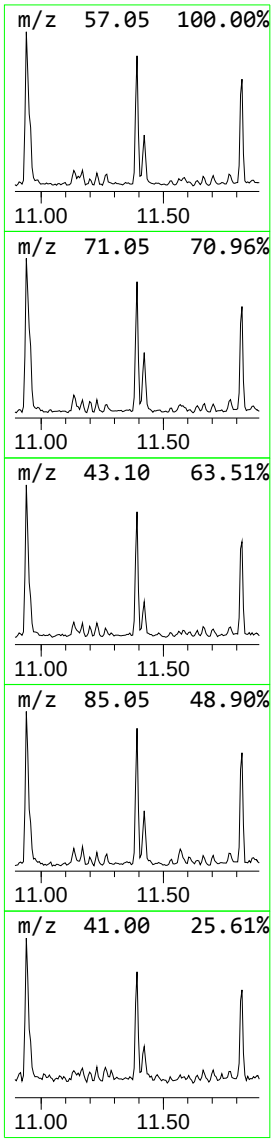
Peak Number 10 Nonadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.392	8.55 ng	530521	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	83
2	Nonadecane	268	C19H40	000629-92-5	83
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	81
4	Hexadecane	226	C16H34	000544-76-3	80
5	Pentadecane	212	C15H32	000629-62-9	74





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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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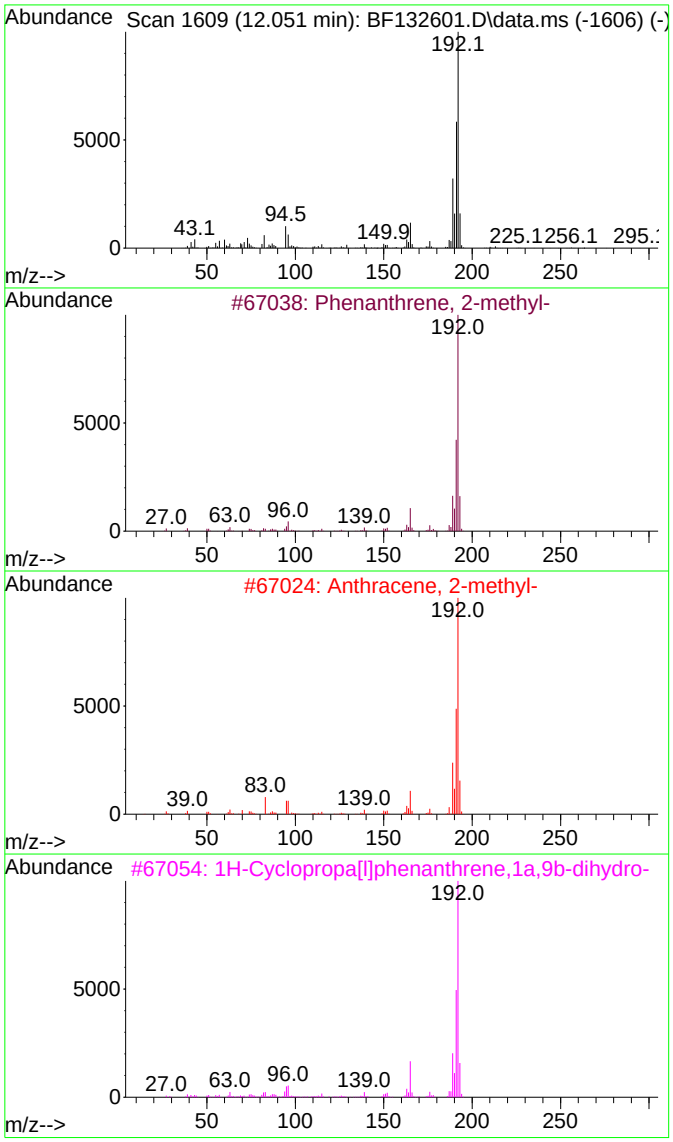
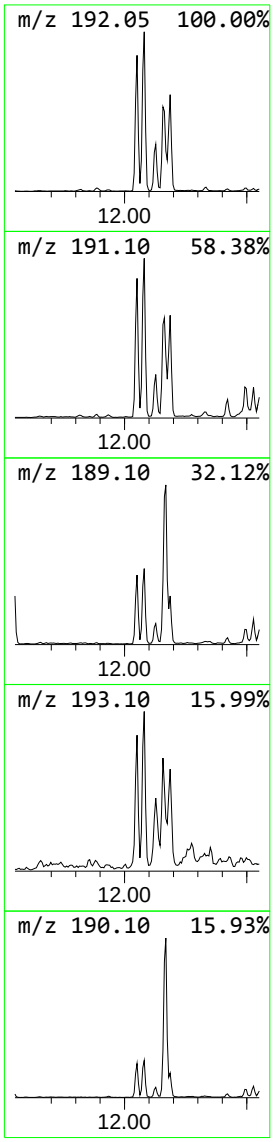
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	16.19 ng	1004470	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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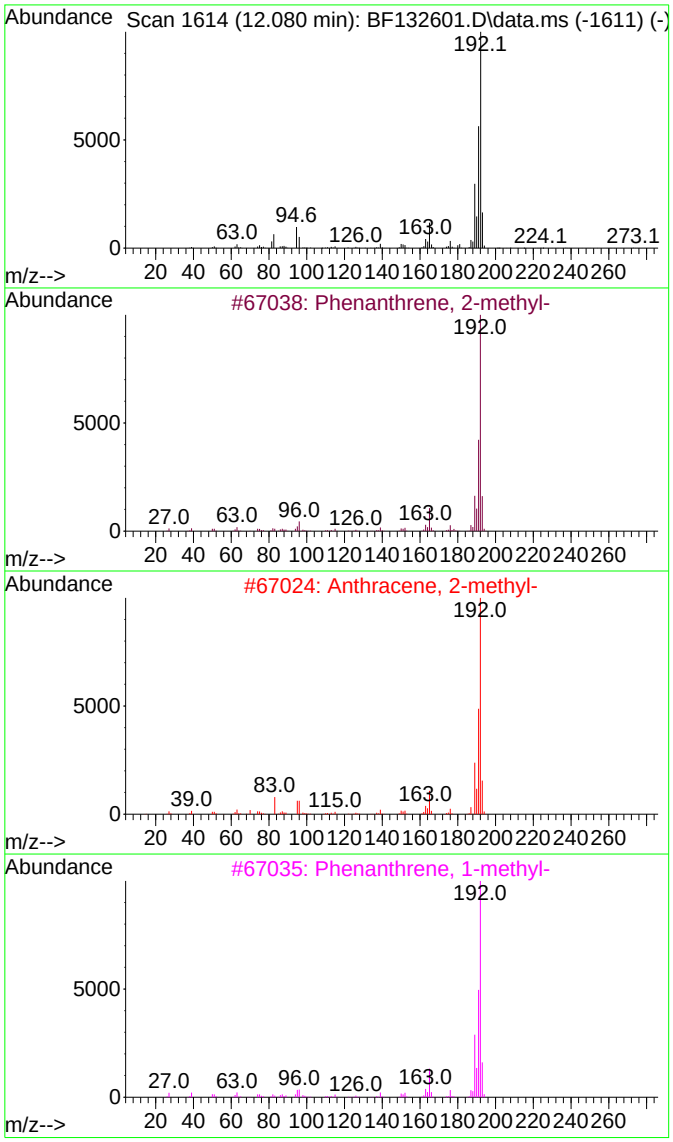
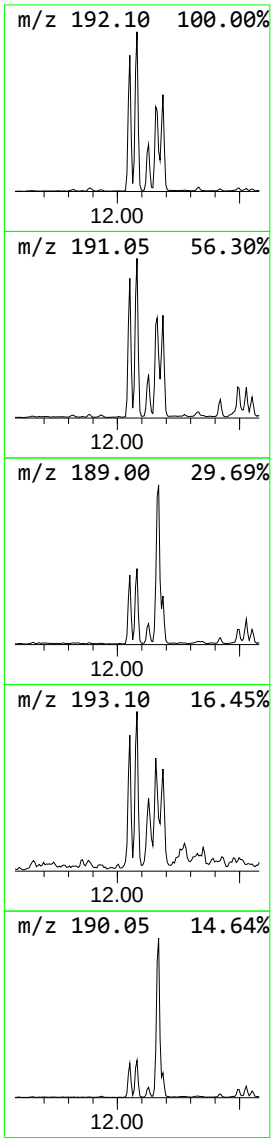
Peak Number 12 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	17.23 ng	1069150	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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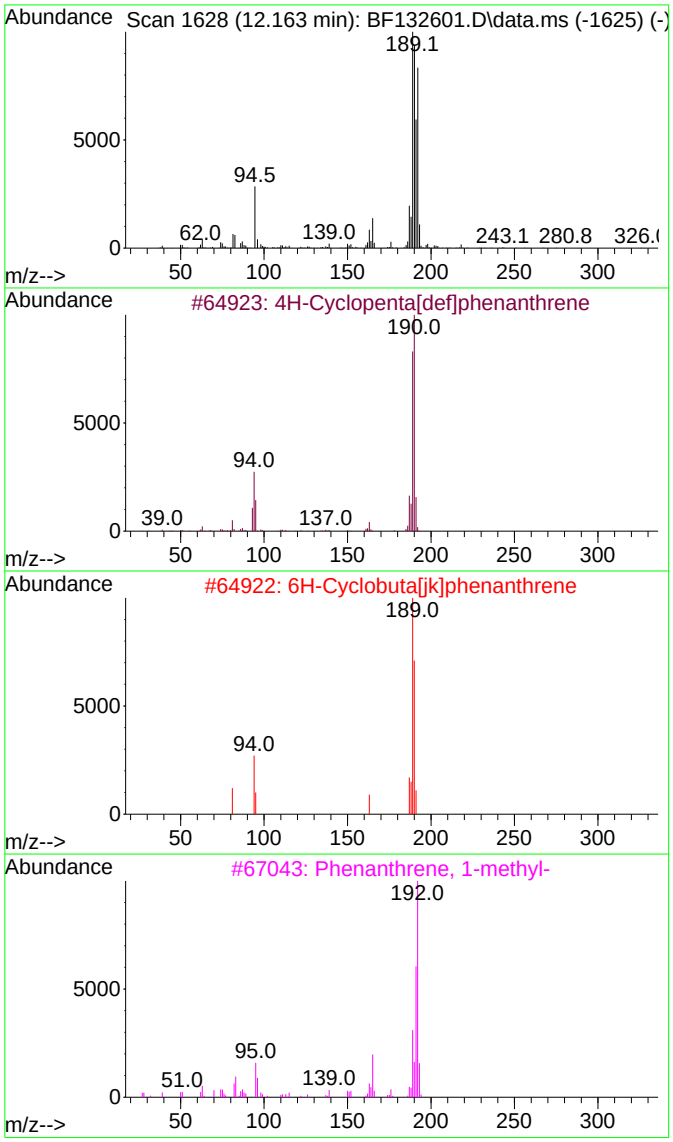
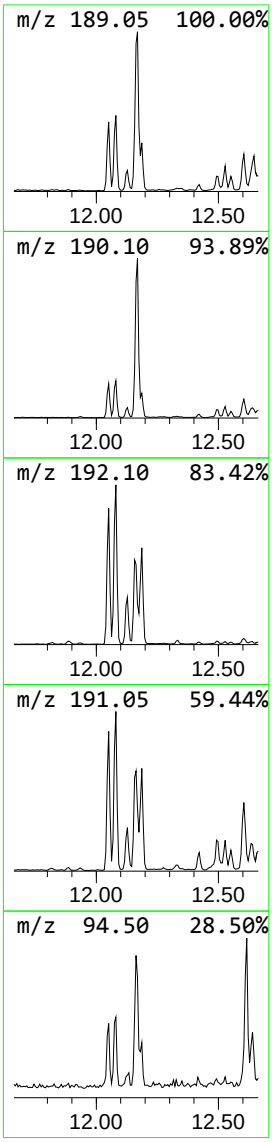
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.163	20.34 ng	1261930	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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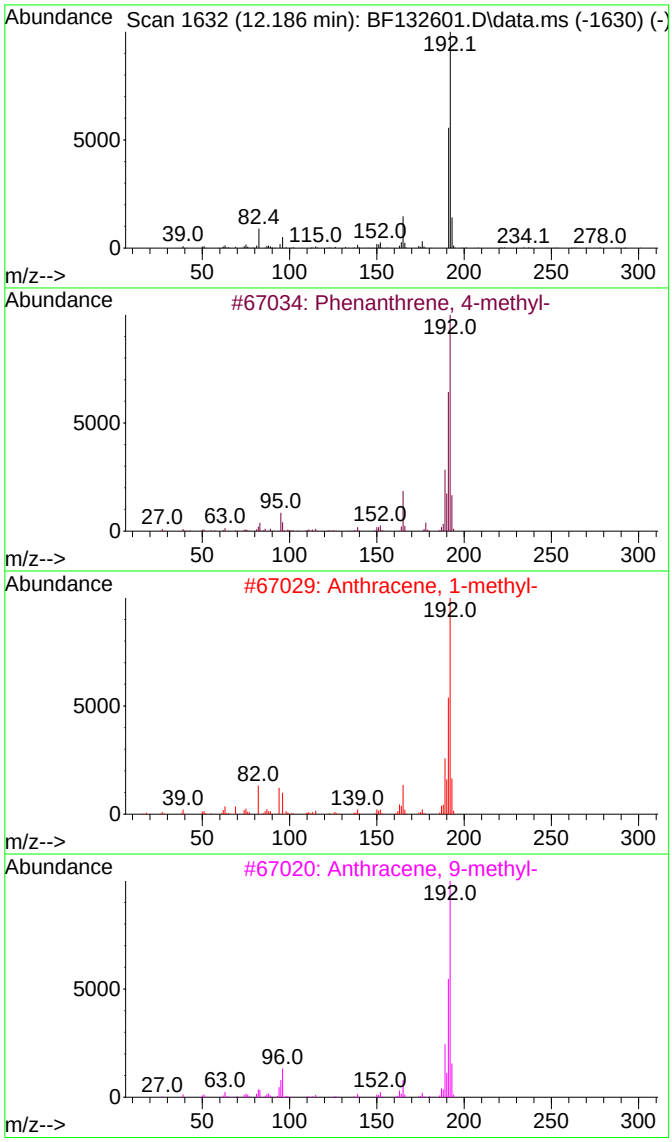
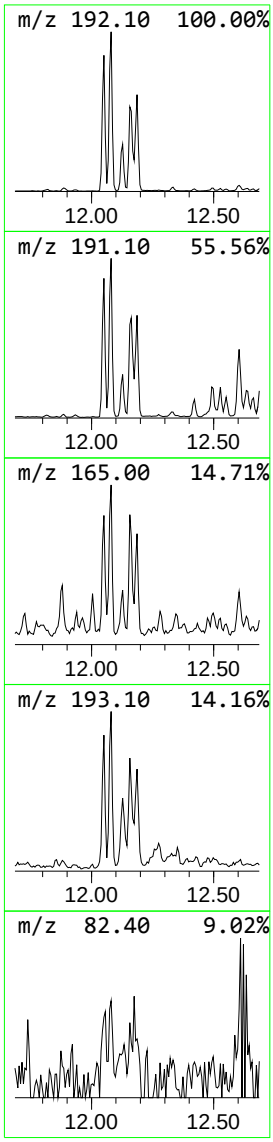
Peak Number 14 Phenanthrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.186	8.85 ng	549013	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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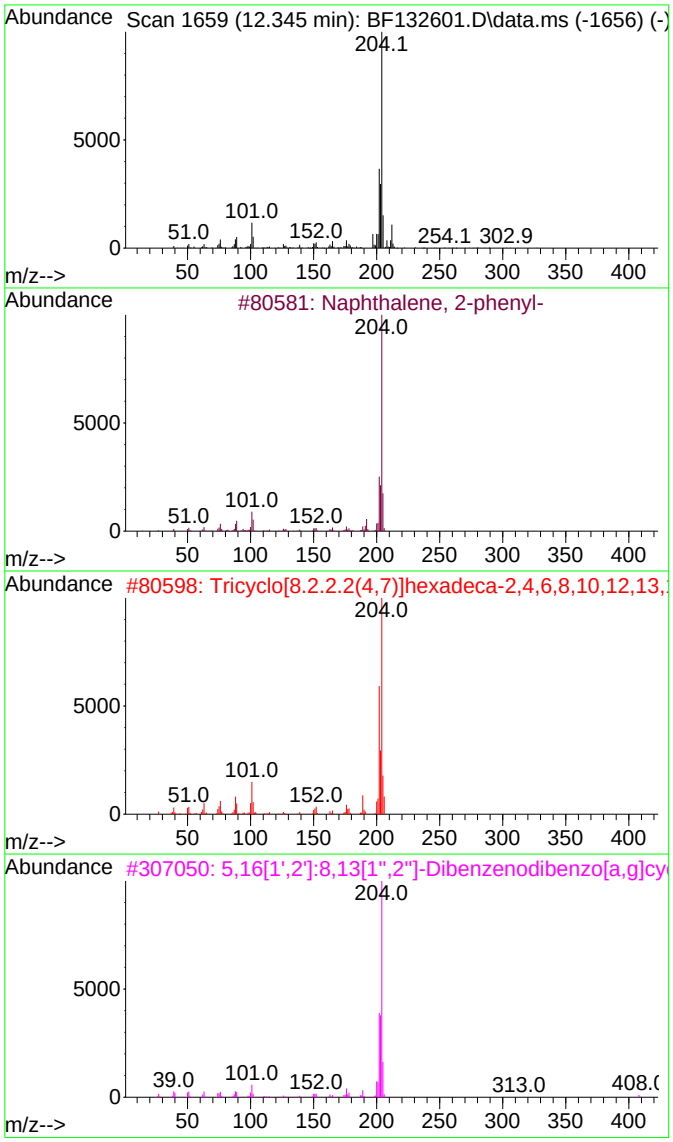
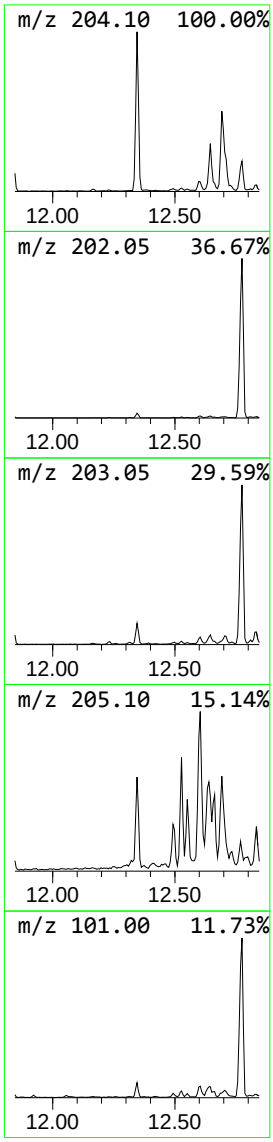
Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.345	6.75 ng	418480	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	58
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52





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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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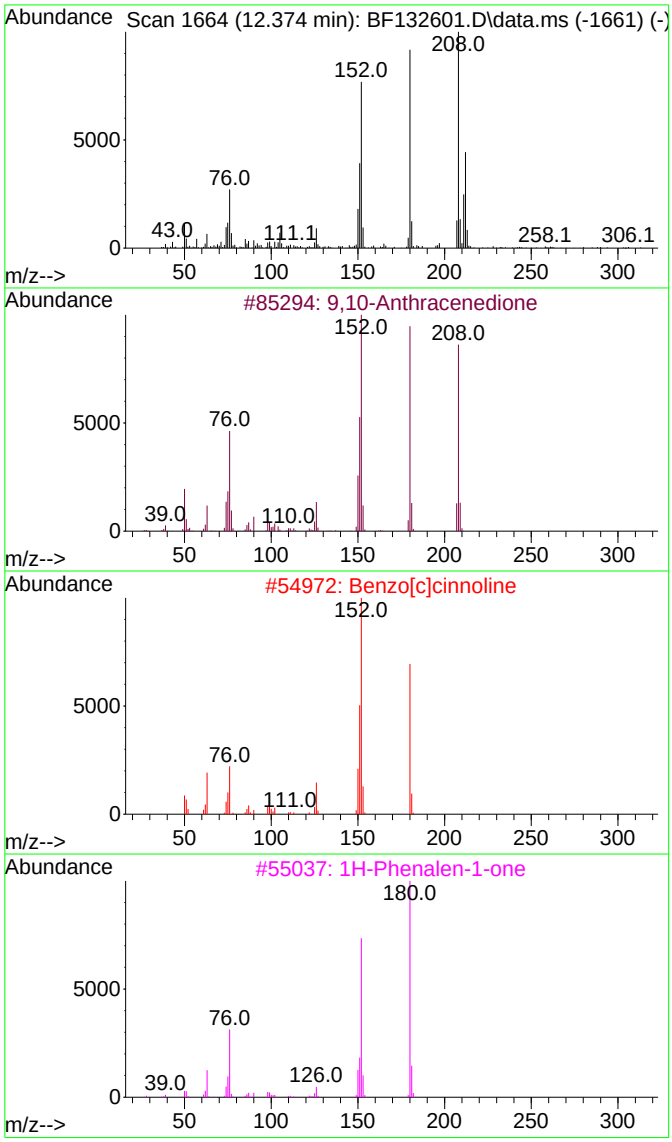
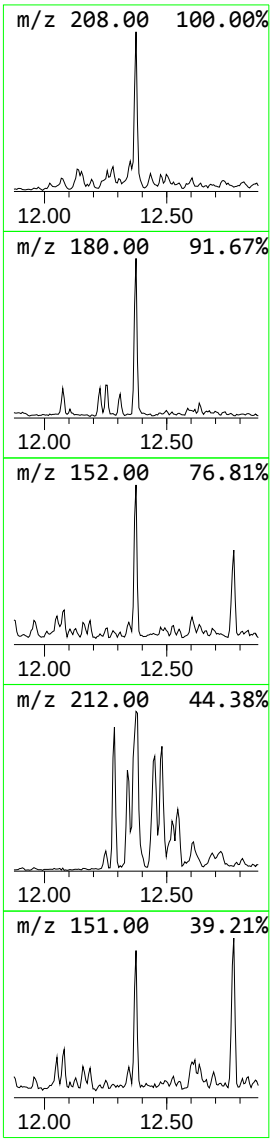
Peak Number 16 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	6.45 ng	400422	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	45
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	45





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ALS Vial : 19 Sample Multiplier: 1

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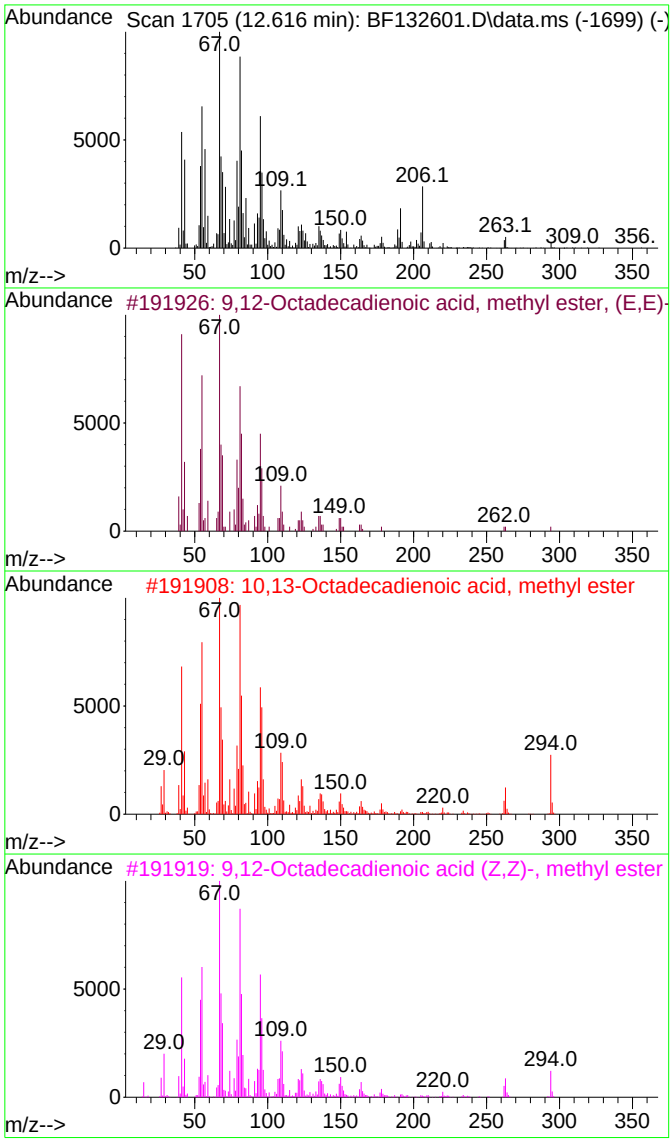
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

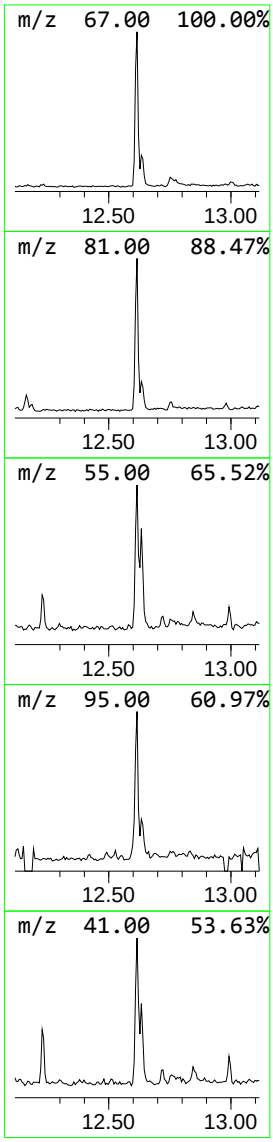
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	33.00 ng	2046970	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	96





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Data File : BF132601.D
Acq On : 01 Mar 2023 20:26
Operator : CG\JU
Sample : 01726-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-022723

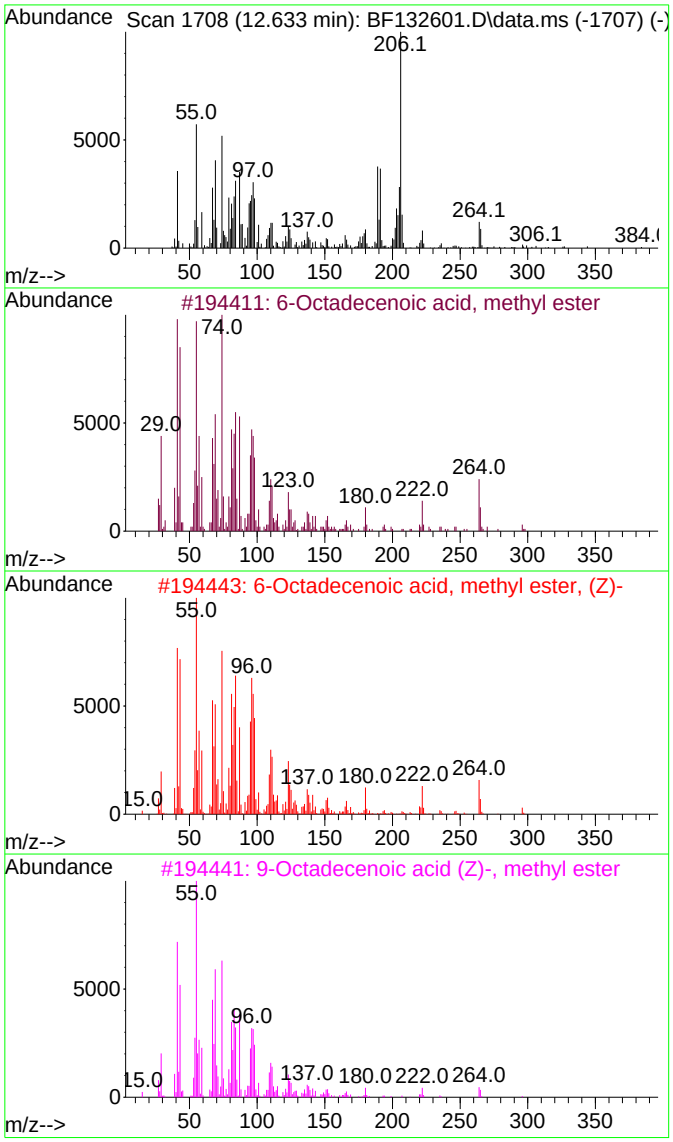
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

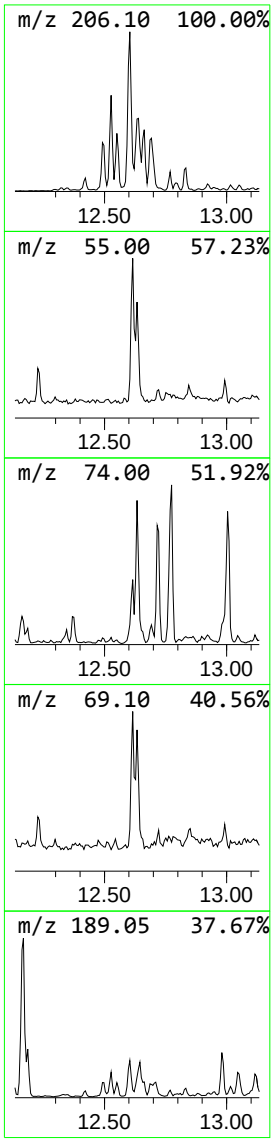
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 6-Octadecenoic acid, methyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.633	10.59 ng	656872	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	95
2	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	94
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
4	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	91
5	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	91





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Data File : BF132601.D
Acq On : 01 Mar 2023 20:26
Operator : CG\JU
Sample : 01726-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-022723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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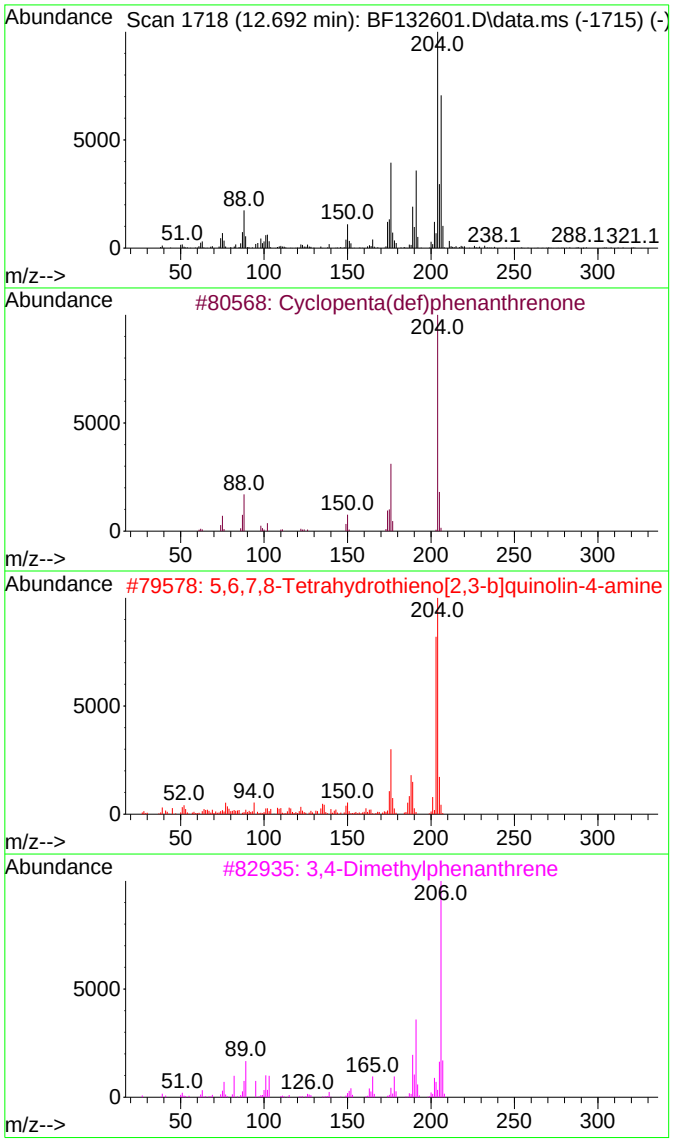
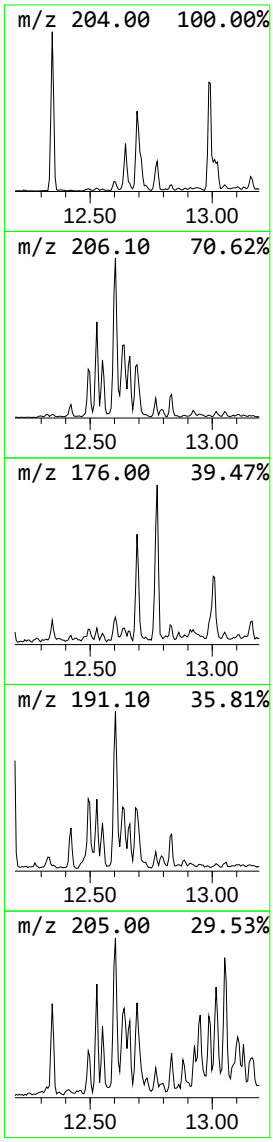
Peak Number 19 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.692	8.60 ng	533307	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	49
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	46
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	41
5	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132601.D
Acq On : 01 Mar 2023 20:26
Operator : CG\JU
Sample : 01726-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-022723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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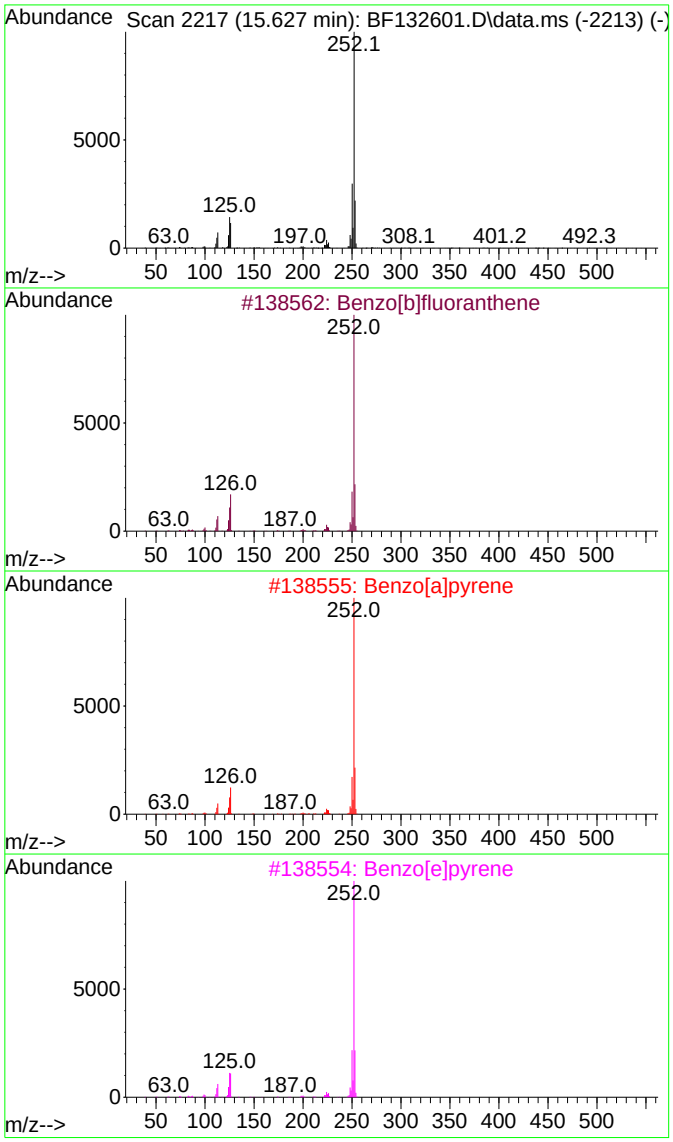
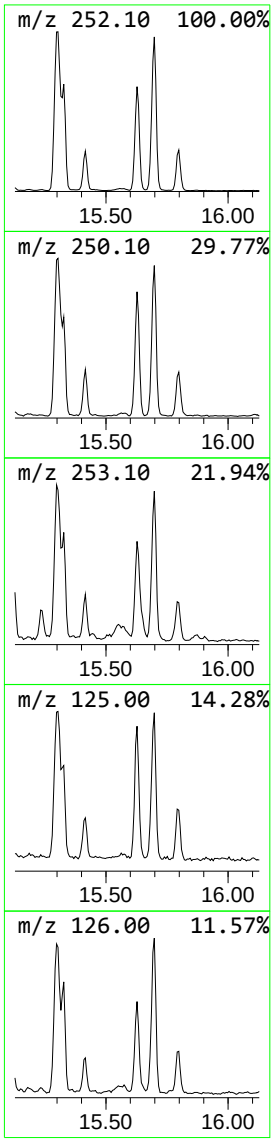
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.627	23.50 ng	1087870	Perylene-d12	15.762

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benzo[e]pyrene	252	C20H12	000192-97-2	97
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030123\
Data File : BF132601.D
Acq On : 01 Mar 2023 20:26
Operator : CG\JU
Sample : 01726-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-022723

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.222	19.0	ng	1015220	1	7.004	1069820	20.0
Pyridine, 3-(1-...	9.263	8.9	ng	513600	3	10.051	1156060	20.0
Decane, 2,3,5-t...	9.433	8.8	ng	506469	3	10.051	1156060	20.0
Naphthalene, 2,...	9.704	9.5	ng	547441	3	10.051	1156060	20.0
Hexadecane	9.963	9.9	ng	570882	3	10.051	1156060	20.0
Heptadecane	10.463	12.8	ng	740417	3	10.051	1156060	20.0
Tridecane, 3-me...	10.686	7.0	ng	401862	3	10.051	1156060	20.0
Benzophenone	10.763	12.0	ng	694672	3	10.051	1156060	20.0
Heneicosane	10.939	14.9	ng	927454	4	11.545	1240740	20.0
Nonadecane	11.392	8.6	ng	530521	4	11.545	1240740	20.0
Phenanthrene, 2...	12.051	16.2	ng	1004470	4	11.545	1240740	20.0
Anthracene, 2-m...	12.080	17.2	ng	1069150	4	11.545	1240740	20.0
4H-Cyclopenta[d...	12.163	20.3	ng	1261930	4	11.545	1240740	20.0
Phenanthrene, 4...	12.186	8.8	ng	549013	4	11.545	1240740	20.0
Naphthalene, 2-...	12.345	6.8	ng	418480	4	11.545	1240740	20.0
9,10-Anthracene...	12.374	6.5	ng	400422	4	11.545	1240740	20.0
9,12-Octadecadi...	12.616	33.0	ng	2046970	4	11.545	1240740	20.0
6-Octadecenoic ...	12.633	10.6	ng	656872	4	11.545	1240740	20.0
Cyclopenta(def)...	12.692	8.6	ng	533307	4	11.545	1240740	20.0
Benzo[j]fluoran...	15.627	23.5	ng	1087870	6	15.762	925838	20.0