LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131111.D
Acq On : 10 Nov 2022 03:32
Operator : CG\JU
Sample : N5511-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-03-110722

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-BF110922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131111.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.187	11	17	23	rVB	678009	841405	9.87%	0.632%
2	5.116	510	515	525	rBV	549582	705434	8.28%	0.530%
3	5.516	578	583	586	rBV	2259850	2140534	25.11%	1.609%
4	6.522	749	754	757	rBV	2150528	2129845	24.98%	1.601%
5	6.892	813	817	820	rBV	648173	544030	6.38%	0.409%
6	7.457	908	913	916	rBV	1562363	1369886	16.07%	1.030%
7	8.175	1032	1035	1037	rBV	722273	746221	8.75%	0.561%
8	8.198	1037	1039	1042	rVV	2127155	1781697	20.90%	1.339%
9	8.892	1152	1157	1160	rVB	2374383	1988834	23.33%	1.495%
10	8.992	1168	1174	1177	rBV	1948022	1652455	19.38%	1.242%
11	9.251	1214	1218	1221	rVB	2660774	2177102	25.54%	1.636%
12	9.445	1249	1251	1257	rVB	329654	348333	4.09%	0.262%
13	9.522	1258	1264	1267	rBV	1053824	1405489	16.49%	1.056%
14	9.592	1271	1276	1278	rBV	1455056	1464464	17.18%	1.101%
15	9.616	1278	1280	1283	rVB	807613	626263	7.35%	0.471%
16	9.710	1292	1296	1298	rBV	733878	696443	8.17%	0.523%
17	9.792	1307	1310	1314	rVB2	687088	585131	6.86%	0.440%
18	9.857	1318	1321	1325	rVB	431476	352091	4.13%	0.265%
19	9.933	1332	1334	1337	rVV	767056	612515	7.19%	0.460%
20	9.969	1337	1340	1343	rVV	1655630	1341030	15.73%	1.008%
21	10.033	1348	1351	1356	rBV	277210	379172	4.45%	0.285%
22	10.139	1365	1369	1372	rVV2	1598114	1658094	19.45%	1.246%
23	10.174	1372	1375	1379	rVV	673227	559550	6.56%	0.421%
24	10.251	1384	1388	1390	rBV2	432228	476615	5.59%	0.358%
25	10.280	1390	1393	1395	rVV	416022	345219	4.05%	0.259%
26	10.357	1398	1406	1409	rBV2	780902	961856	11.28%	0.723%
27	10.492	1424	1429	1433	rVV	2495819	2553934	29.96%	1.919%
28	10.569	1440	1442	1445	rVV3	530266	571207	6.70%	0.429%
29	10.639	1449	1454	1461	rVV2	546354	713271	8.37%	0.536%
30	10.727	1465	1469	1472	rVV	1579317	1625508	19.07%	1.222%
31	10.833	1483	1487	1495	rVB3	559876	948603	11.13%	0.713%
32	11.033	1515	1521	1523	rBV2	713274	864933	10.15%	0.650%
33	11.063	1523	1526	1529	rVV2	470388	476862	5.59%	0.358%
34	11.116	1532	1535	1538	rVV	404100	352141	4.13%	0.265%
35	11.180	1544	1546	1552	rVV3	305377	373460	4.38%	0.281%
36	11.280	1558	1563	1566	rVV2	652633	691143	8.11%	0.519%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131111.D
Acq On : 10 Nov 2022 03:32
Operator : CG\JU
Sample : N5511-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-03-110722

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-BF110922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.321	1566	1570	1575	rVB2	808252	985731	11.56%	0.741%
38	11.469	1589	1595	1598	rVB	5689248	7672817	90.01%	5.767%
39	11.516	1598	1603	1605	rVV	2630219	2382049	27.94%	1.790%
40	11.663	1624	1628	1633	rBV	802761	800437	9.39%	0.602%
41	11.710	1633	1636	1642	rVV2	389337	600996	7.05%	0.452%
42	11.757	1642	1644	1649	rVB2	374834	406754	4.77%	0.306%
43	11.810	1650	1653	1656	rVV	1507456	1333985	15.65%	1.003%
44	11.933	1668	1674	1676	rBV	1652893	1579382	18.53%	1.187%
45	11.963	1676	1679	1682	rVB	2152955	1926272	22.60%	1.448%
46	12.010	1682	1687	1690	rBV	769916	761605	8.93%	0.572%
47	12.051	1690	1694	1696	rVV2	2306344	2696512	31.63%	2.027%
48	12.068	1696	1697	1700	rVB	1197199	724706	8.50%	0.545%
49	12.116	1701	1705	1707	rBV2	386186	382127	4.48%	0.287%
50	12.227	1721	1724	1726	rBV	829310	665193	7.80%	0.500%
51	12.257	1726	1729	1734	rVB	400956	365105	4.28%	0.274%
52	12.374	1744	1749	1752	rBV2	400959	412589	4.84%	0.310%
53	12.404	1752	1754	1757	rVV	512912	455058	5.34%	0.342%
54	12.486	1763	1768	1769	rBV	964158	1106901	12.98%	0.832%
55	12.510	1769	1772	1774	rVV	3593821	3855832	45.23%	2.898%
56	12.527	1774	1775	1780	rVV2	3354936	2987480	35.05%	2.245%
57	12.580	1780	1784	1787	rVV3	372803	494038	5.80%	0.371%
58	12.610	1787	1789	1792	rVB2	736237	564589	6.62%	0.424%
59	12.668	1792	1799	1801	rBV	5562169	7741618	90.82%	5.818%
60	12.798	1818	1821	1826	rVB	359789	368572	4.32%	0.277%
61	12.898	1831	1838	1841	rBV2	4974454	8524507	100.00%	6.407%
62	12.927	1841	1843	1847	rVB2	592773	654716	7.68%	0.492%
63	13.021	1847	1859	1861	rBV2	1724768	2516406	29.52%	1.891%
64	13.104	1866	1873	1875	rBV3	747563	1262700	14.81%	0.949%
65	13.186	1883	1887	1889	rBV3	603167	930021	10.91%	0.699%
66	13.210	1889	1891	1894	rVB	1658573	1580651	18.54%	1.188%
67	13.280	1899	1903	1905	rVV	1592485	1433226	16.81%	1.077%
68	13.315	1905	1909	1911	rVV2	1078166	1112080	13.05%	0.836%
69	13.410	1921	1925	1927	rBV	641430	603240	7.08%	0.453%
70	13.439	1927	1930	1932	rBV	734268	625129	7.33%	0.470%
71	13.610	1956	1959	1961	rVV3	286263	356306	4.18%	0.268%
72	13.692	1969	1973	1975	rBV	371469	480937	5.64%	0.361%
73	13.721	1975	1978	1982	rVV3	389437	495419	5.81%	0.372%
74	13.833	1991	1997	1999	rBV2	687698	946272	11.10%	0.711%
75	13.857	1999	2001	2003	rVV	847195	721760	8.47%	0.542%
76	13.886	2003	2006	2011	rVV3	568559	946963	11.11%	0.712%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
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Acq On : 10 Nov 2022 03:32
Operator : CG\JU
Sample : N5511-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-03-110722

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-BF110922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.998	2022	2025	2031	rVB	253407	373544	4.38%	0.281%
78	14.080	2031	2039	2042	rBV2	3386219	5415253	63.53%	4.070%
79	14.121	2042	2046	2051	rVV	3528507	3909856	45.87%	2.938%
80	14.192	2055	2058	2061	rVV	919193	902142	10.58%	0.678%
81	14.227	2061	2064	2070	rVV5	448038	779494	9.14%	0.586%
82	14.310	2074	2078	2081	rVV2	472621	624882	7.33%	0.470%
83	14.427	2095	2098	2100	rVV2	439438	402049	4.72%	0.302%
84	14.468	2100	2105	2108	rVV	1096673	1355773	15.90%	1.019%
85	14.504	2108	2111	2114	rVV	548343	547753	6.43%	0.412%
86	14.568	2114	2122	2124	rVV3	497241	977497	11.47%	0.735%
87	14.598	2124	2127	2128	rVV	509620	505344	5.93%	0.380%
88	14.615	2128	2130	2134	rVB	673941	611669	7.18%	0.460%
89	14.662	2134	2138	2144	rVB4	350466	537344	6.30%	0.404%
90	14.974	2188	2191	2198	rVB2	339949	458152	5.37%	0.344%
91	15.151	2214	2221	2224	rBV	1901916	3671153	43.07%	2.759%
92	15.174	2224	2225	2231	rVV	1320963	1293334	15.17%	0.972%
93	15.257	2235	2239	2246	rVV	523740	610571	7.16%	0.459%
94	15.462	2268	2274	2279	rVB	1184473	1677699	19.68%	1.261%
95	15.533	2279	2286	2290	rVV	1948964	2641626	30.99%	1.985%
96	15.586	2291	2295	2297	rVV	329156	450346	5.28%	0.338%
97	15.621	2297	2301	2306	rVB2	596918	851739	9.99%	0.640%
98	17.109	2546	2554	2560	rVB2	660438	1385221	16.25%	1.041%
99	17.574	2625	2633	2647	rVB	485727	1155462	13.55%	0.868%
100	17.809	2668	2673	2684	rVB	187571	398450	4.67%	0.299%

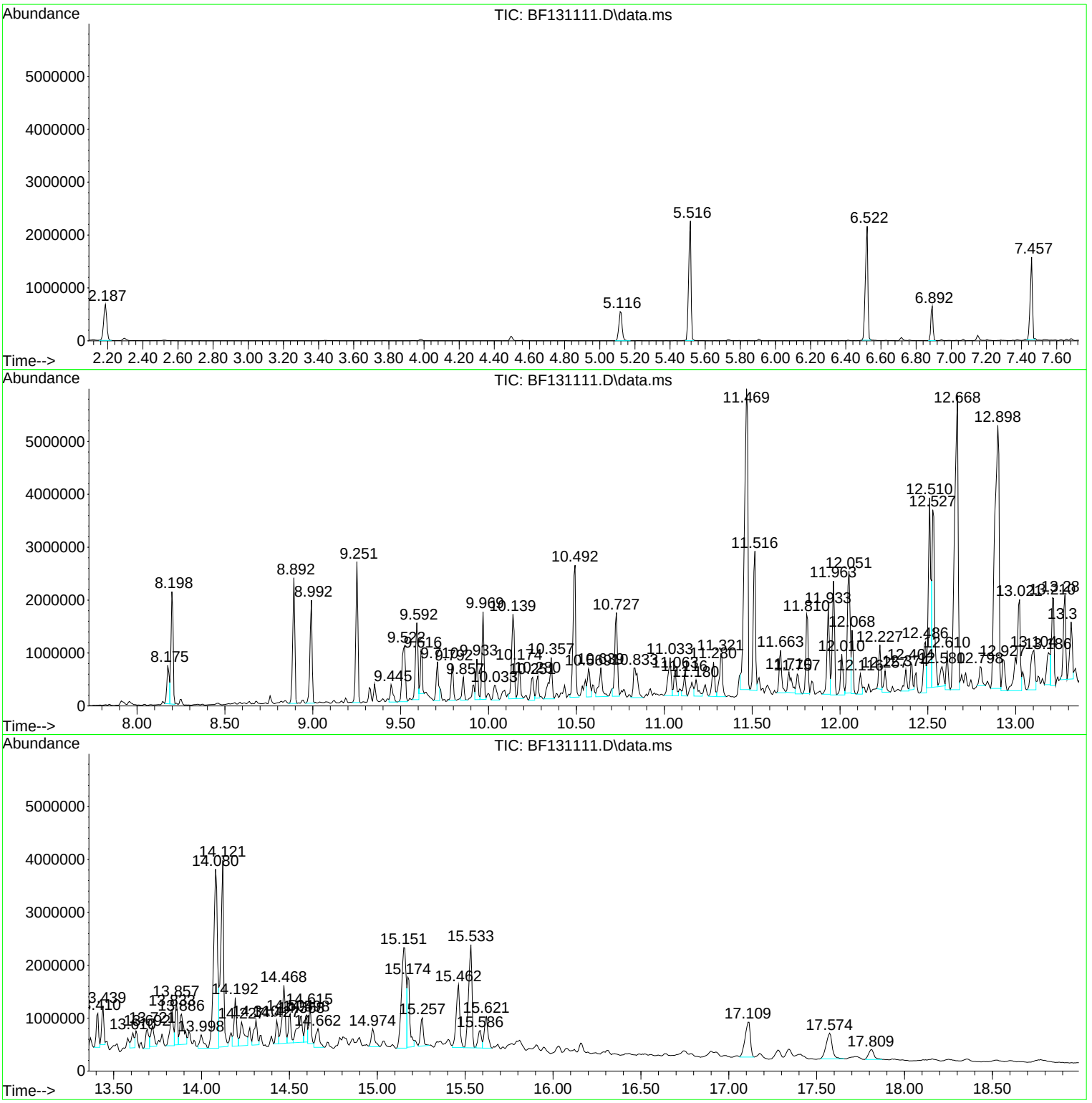
Sum of corrected areas: 133057804

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131111.D
Acq On : 10 Nov 2022 03:32
Operator : CG\JU
Sample : N5511-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-03-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.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\BF110922\
Data File : BF131111.D
Acq On : 10 Nov 2022 03:32
Operator : CG\JU
Sample : N5511-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
PL-03-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

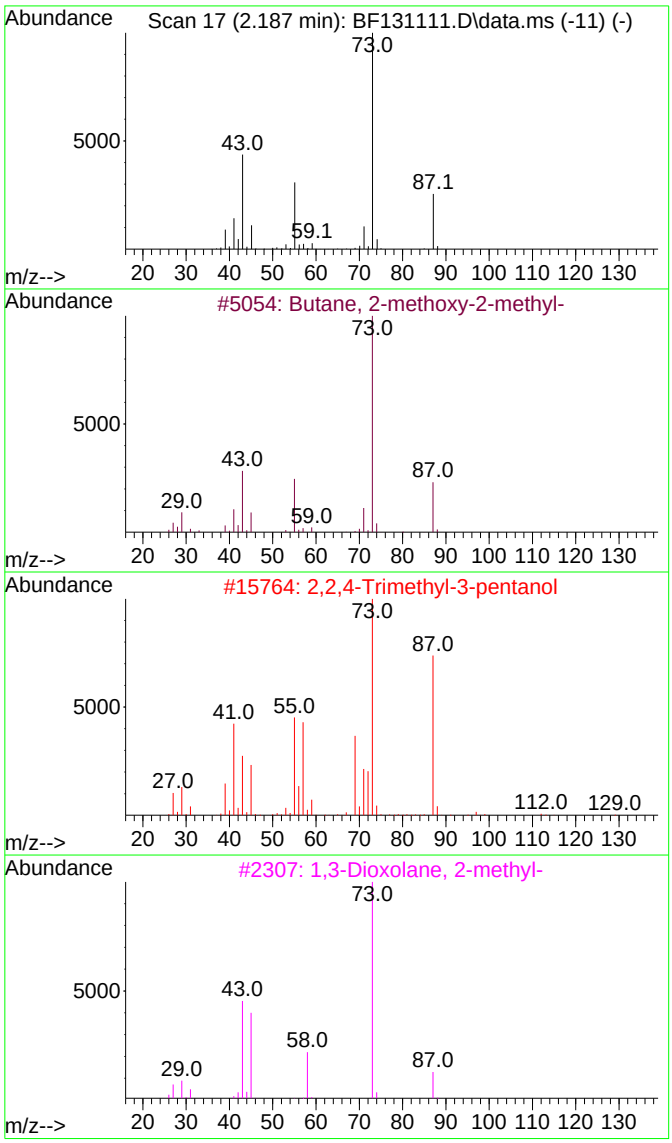
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

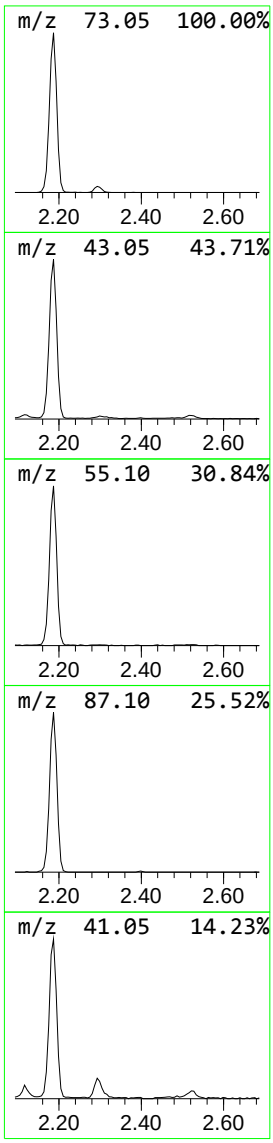
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.187	30.93 ng	841405	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131111.D
Acq On : 10 Nov 2022 03:32
Operator : CG\JU
Sample : N5511-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-03-110722

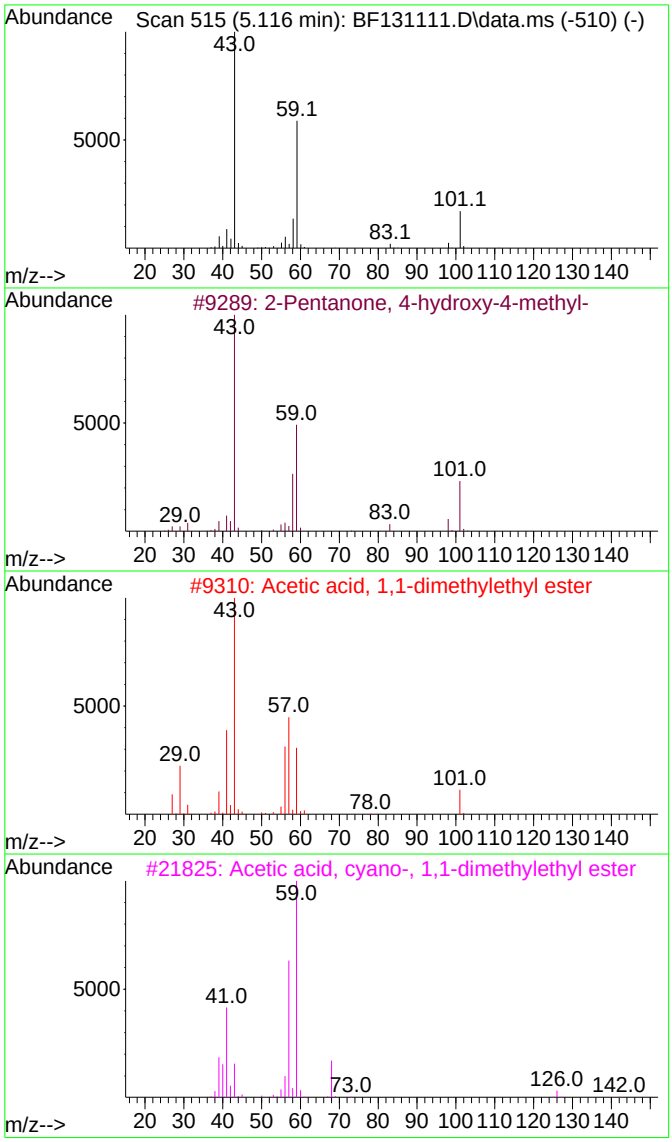
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

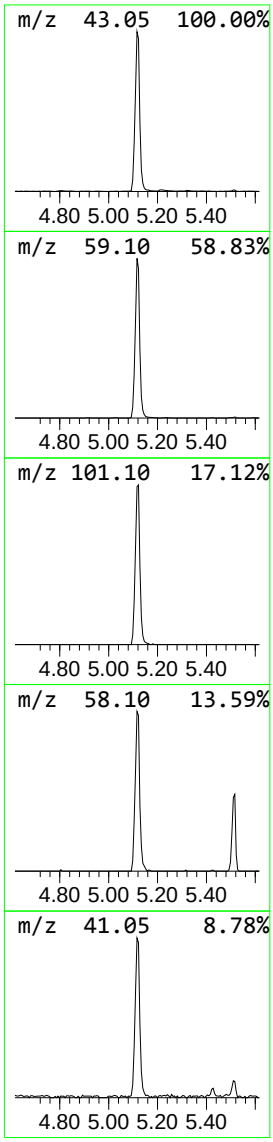
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	25.93 ng	705434	1,4-Dichlorobenzene-d4	6.892

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131111.D
Acq On : 10 Nov 2022 03:32
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Sample : N5511-01
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Instrument :
BNA_F
ClientSampleId :
PL-03-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

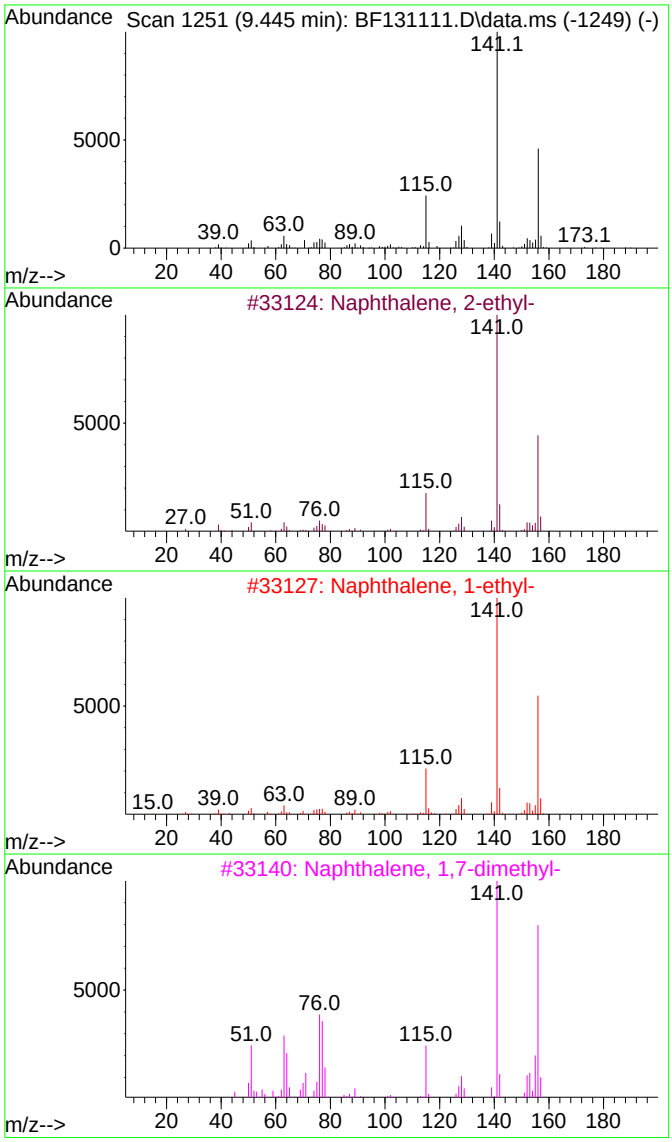
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

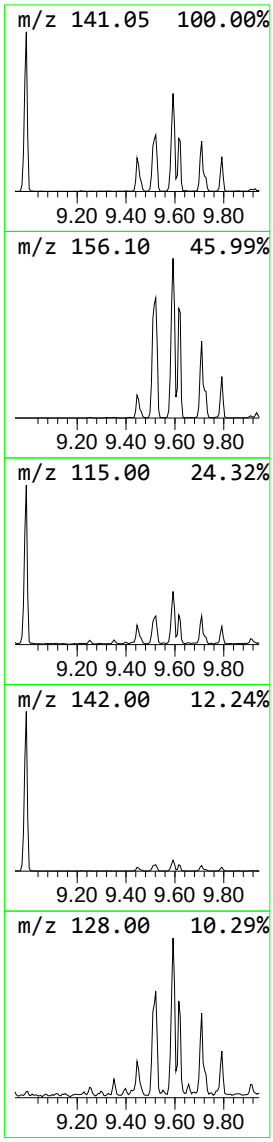
****

Peak Number 3 Naphthalene, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.445	11.37 ng	348333	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131111.D
Acq On : 10 Nov 2022 03:32
Operator : CG\JU
Sample : N5511-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-03-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

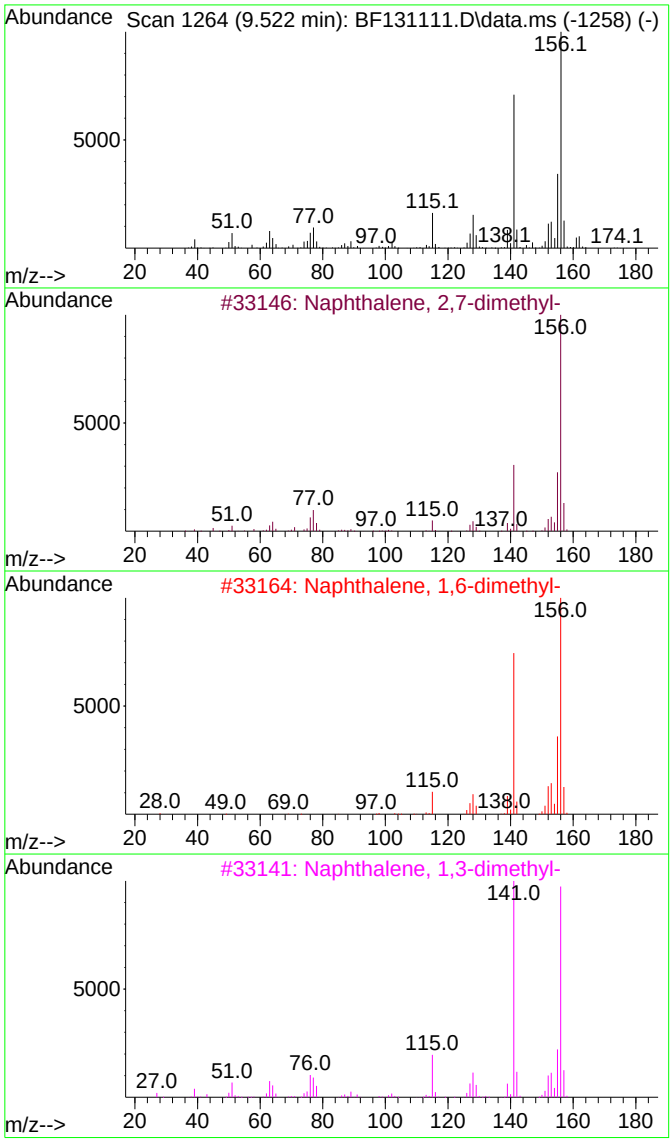
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

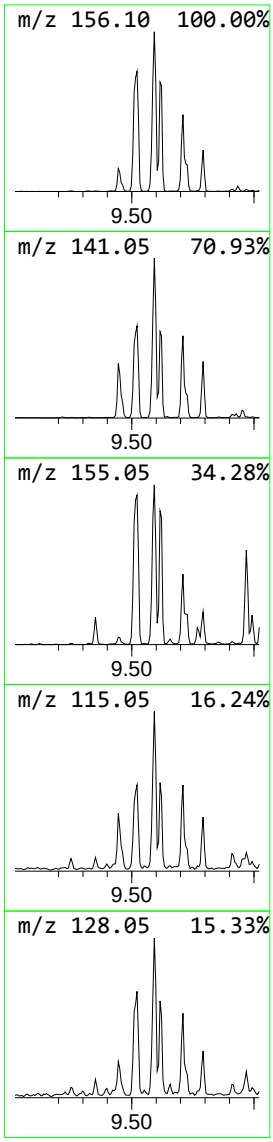
****

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	45.89 ng	1405490	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131111.D
Acq On : 10 Nov 2022 03:32
Operator : CG\JU
Sample : N5511-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-03-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

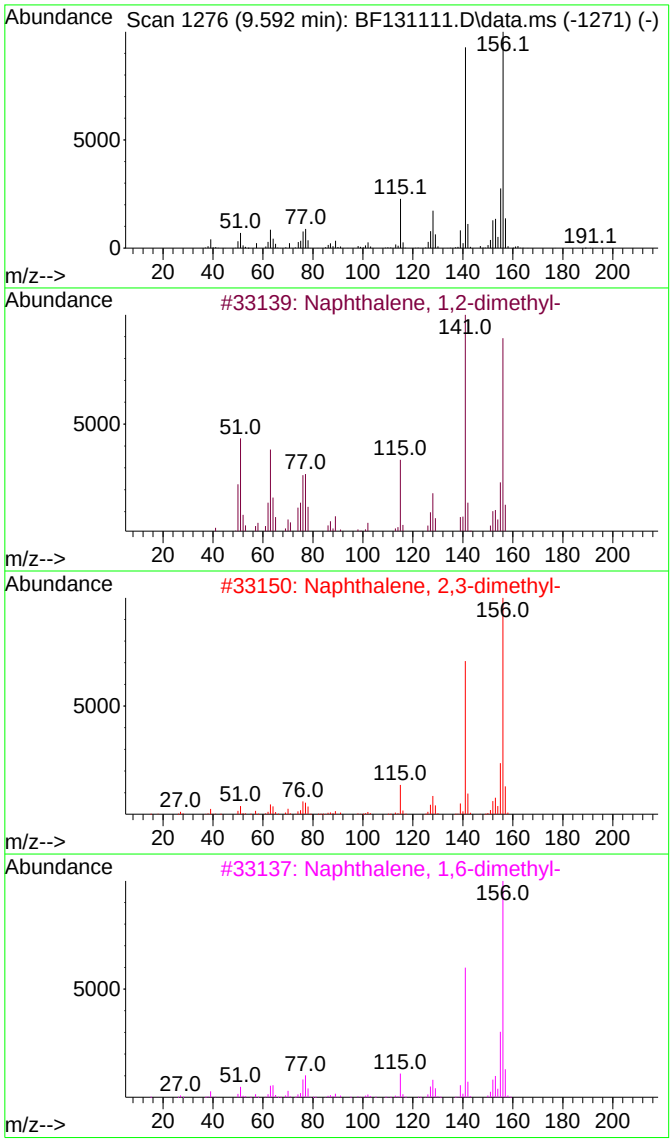
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

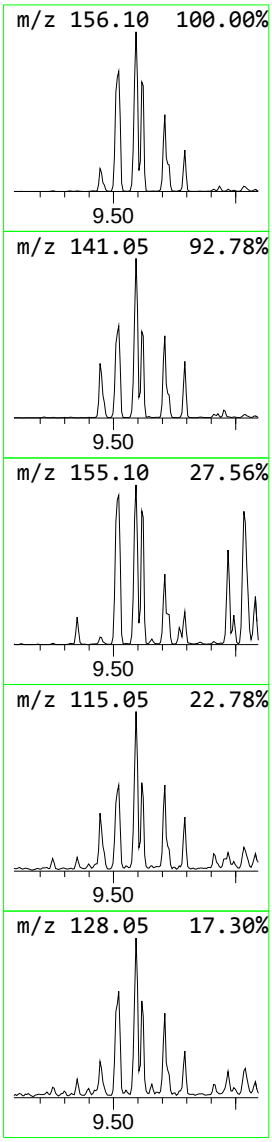
****

Peak Number 5 Naphthalene, 1,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	47.82 ng	1464460	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Acq On : 10 Nov 2022 03:32
Operator : CG\JU
Sample : N5511-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-03-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

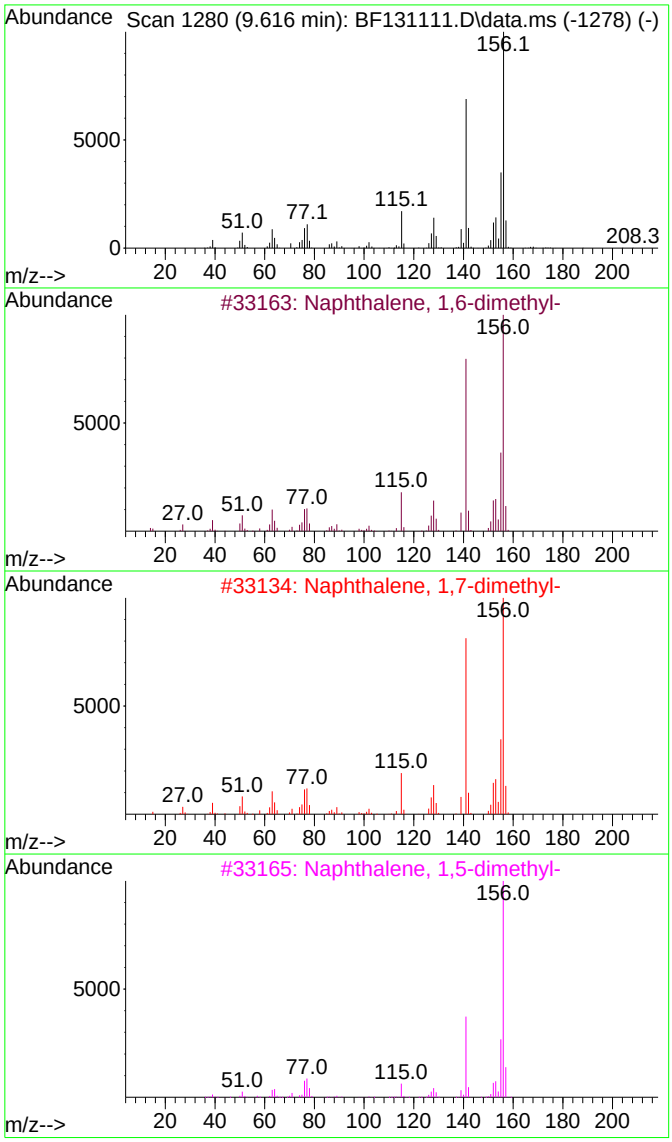
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

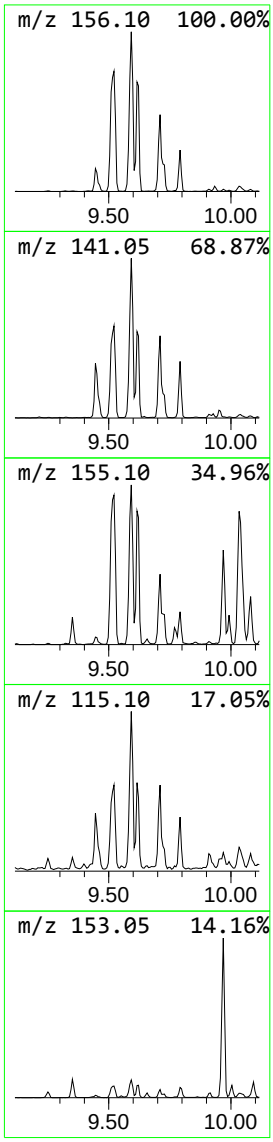
****

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	20.45 ng	626263	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





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Operator : CG\JU
Sample : N5511-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-03-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

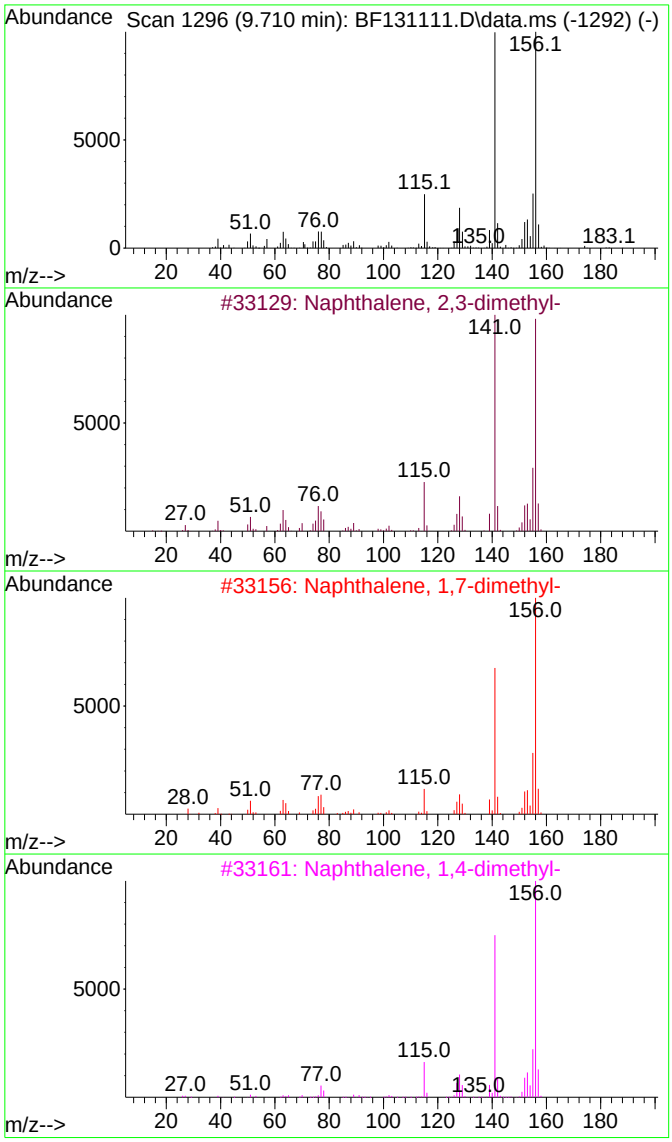
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

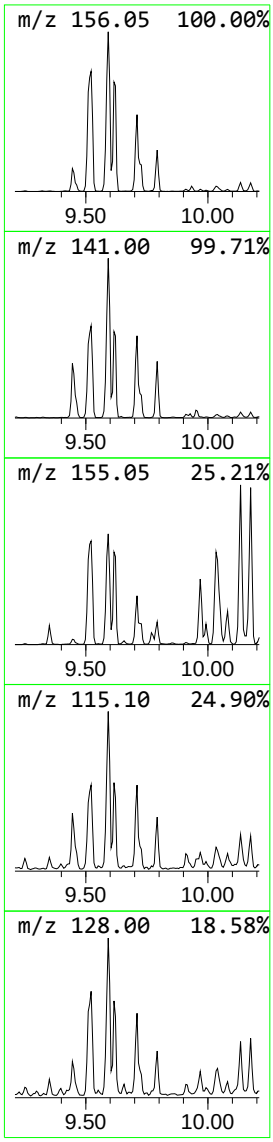
****

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.710	22.74 ng	696443	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Operator : CG\JU
Sample : N5511-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-03-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.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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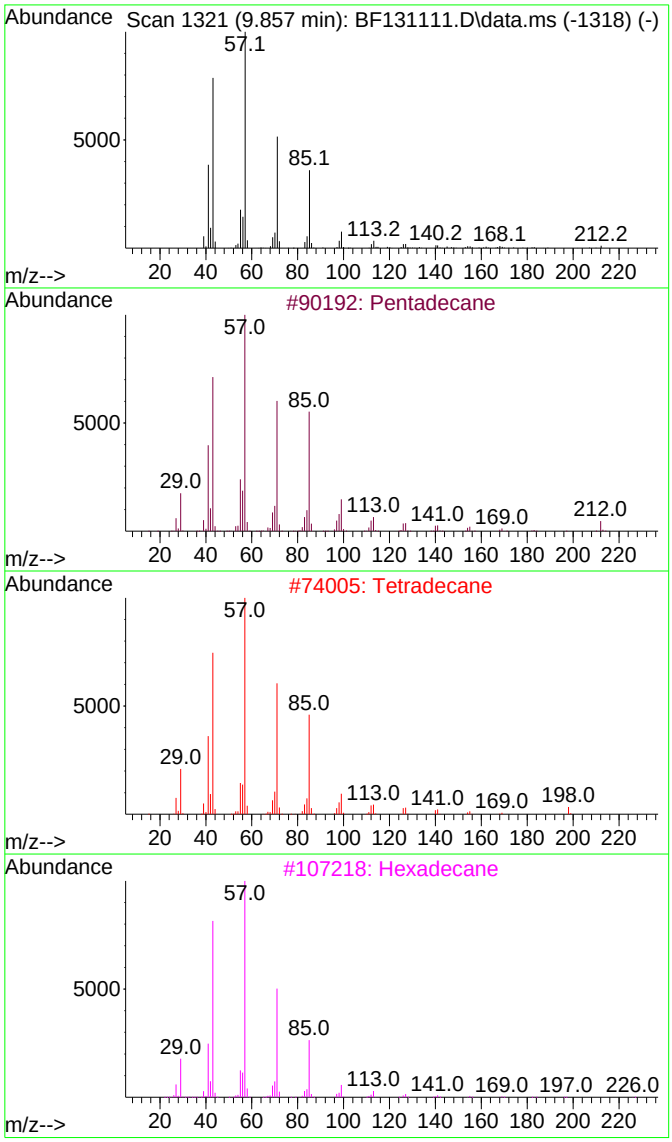
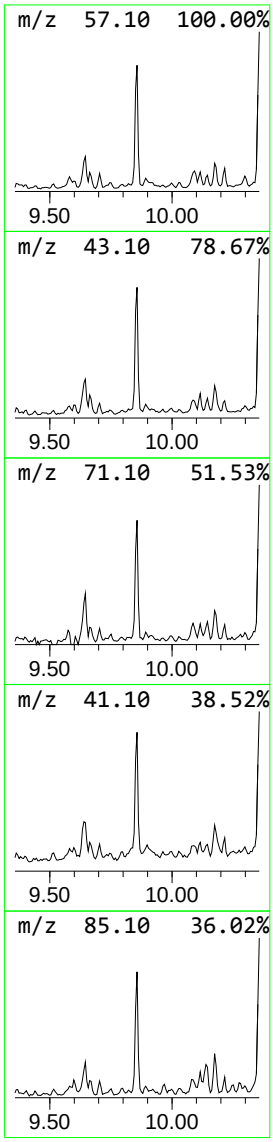
Peak Number 8 Pentadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.857	11.50 ng	352091	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	86
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72





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Acq On : 10 Nov 2022 03:32
Operator : CG\JU
Sample : N5511-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-03-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.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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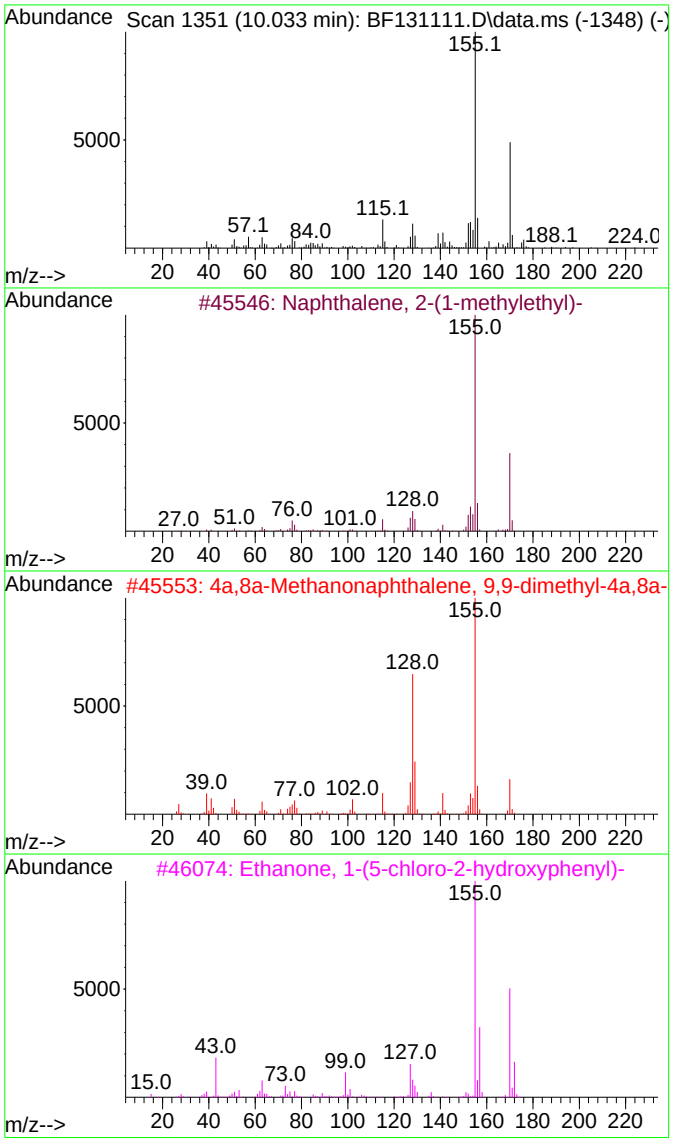
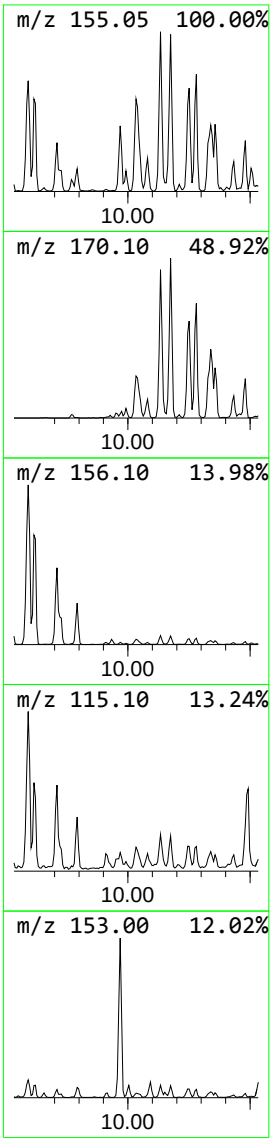
Peak Number 9 Naphthalene, 2-(1-methyleth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.033	12.38 ng	379172	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2	4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	91
3	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72
4	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72





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Acq On : 10 Nov 2022 03:32
Operator : CG\JU
Sample : N5511-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-03-110722

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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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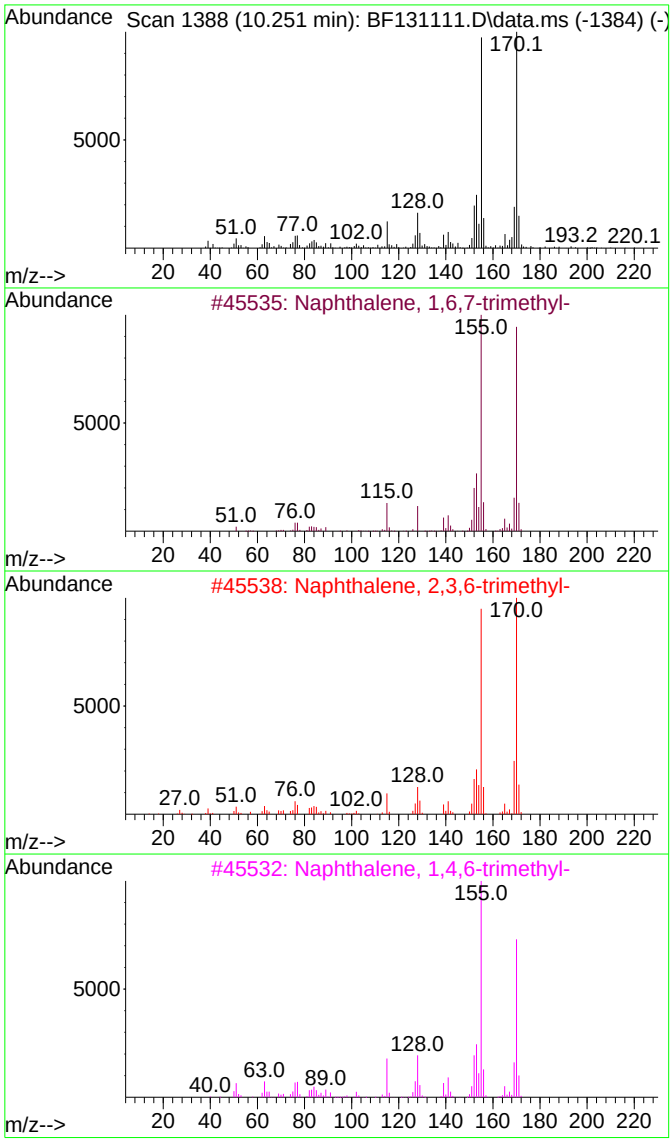
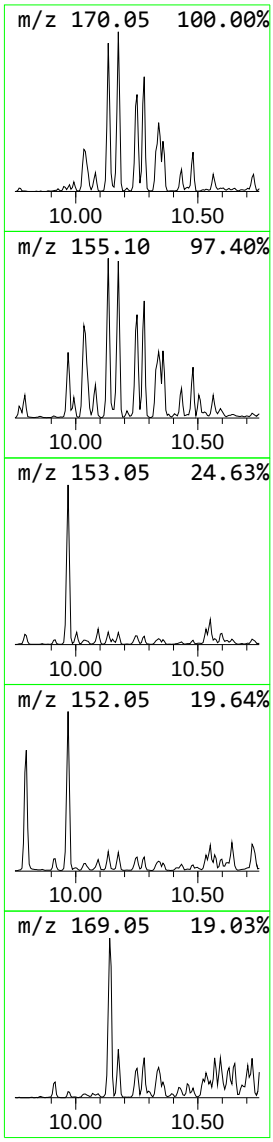
Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.251	15.56 ng	476615	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





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Acq On : 10 Nov 2022 03:32
Operator : CG\JU
Sample : N5511-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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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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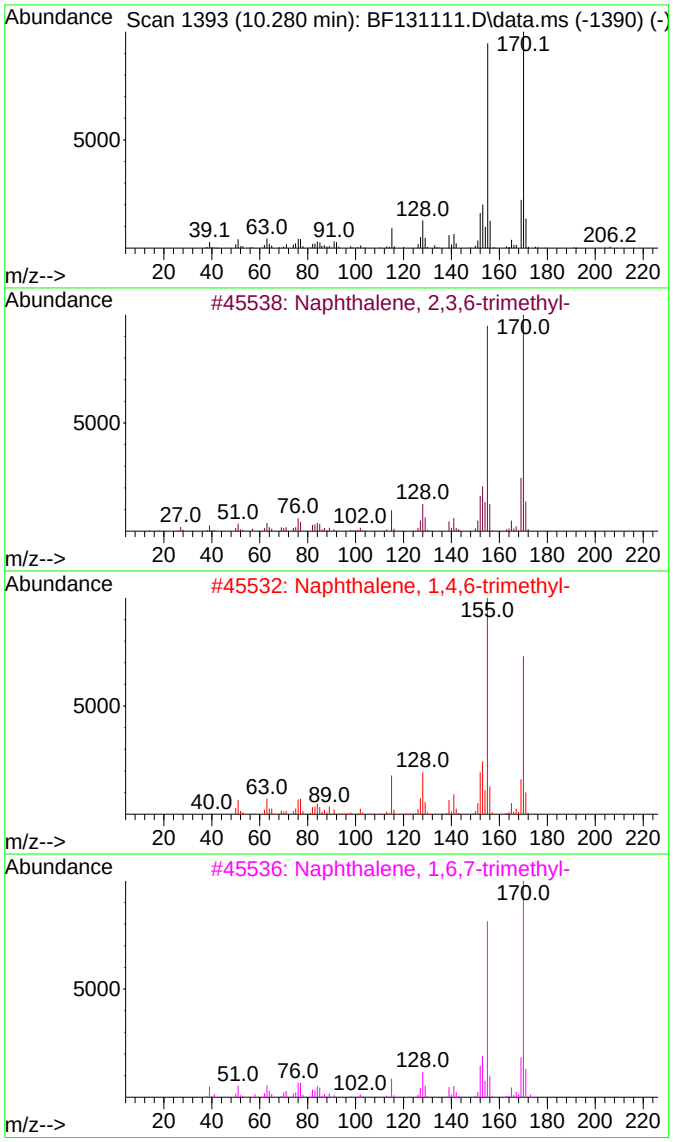
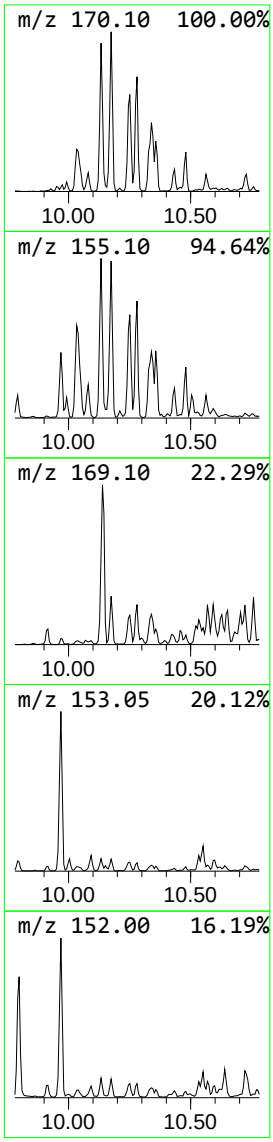
Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.280	11.27 ng	345219	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91





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Acq On : 10 Nov 2022 03:32
Operator : CG\JU
Sample : N5511-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-03-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.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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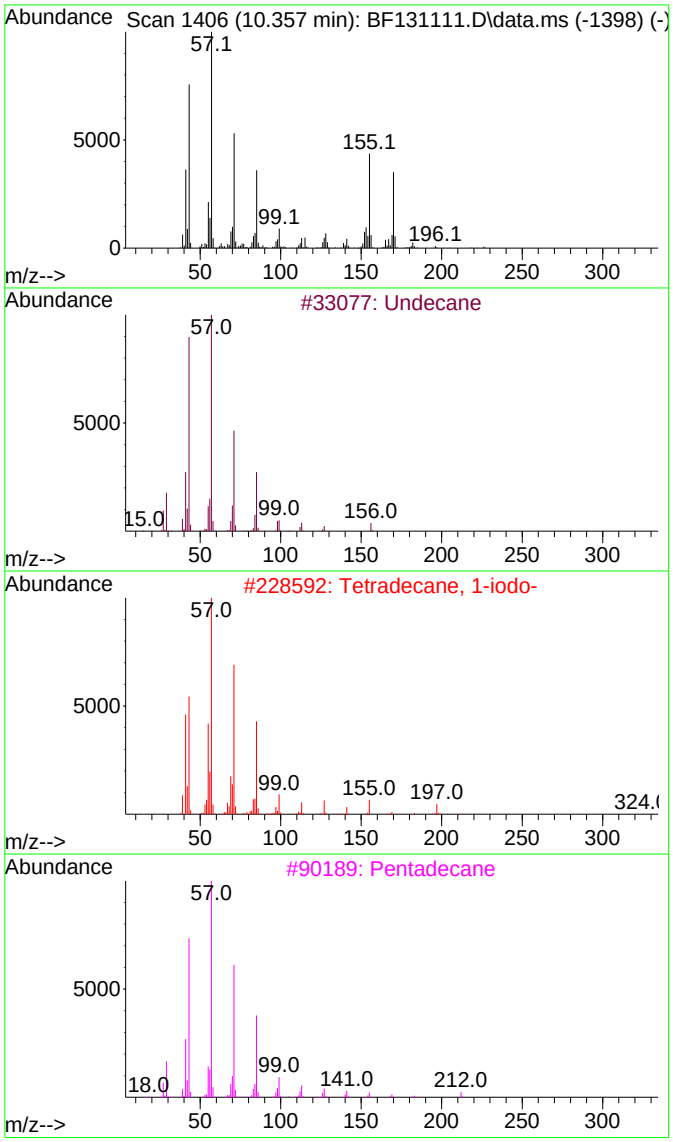
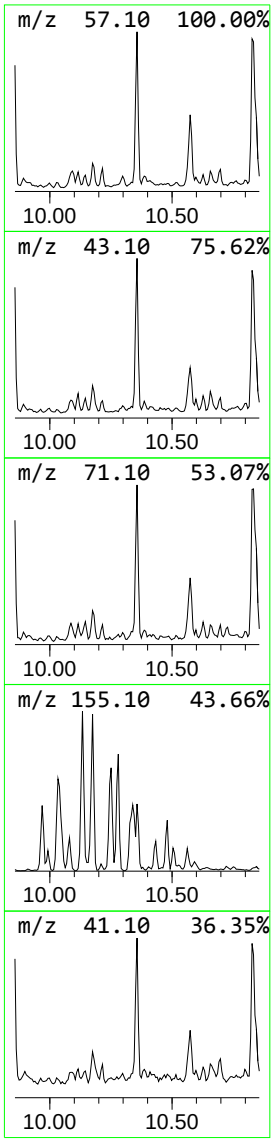
Peak Number 12 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.357	31.41 ng	961856	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	50
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	45
3	Pentadecane	212	C15H32	000629-62-9	43
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	43
5	Eicosane	282	C20H42	000112-95-8	43





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Operator : CG\JU
Sample : N5511-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-03-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.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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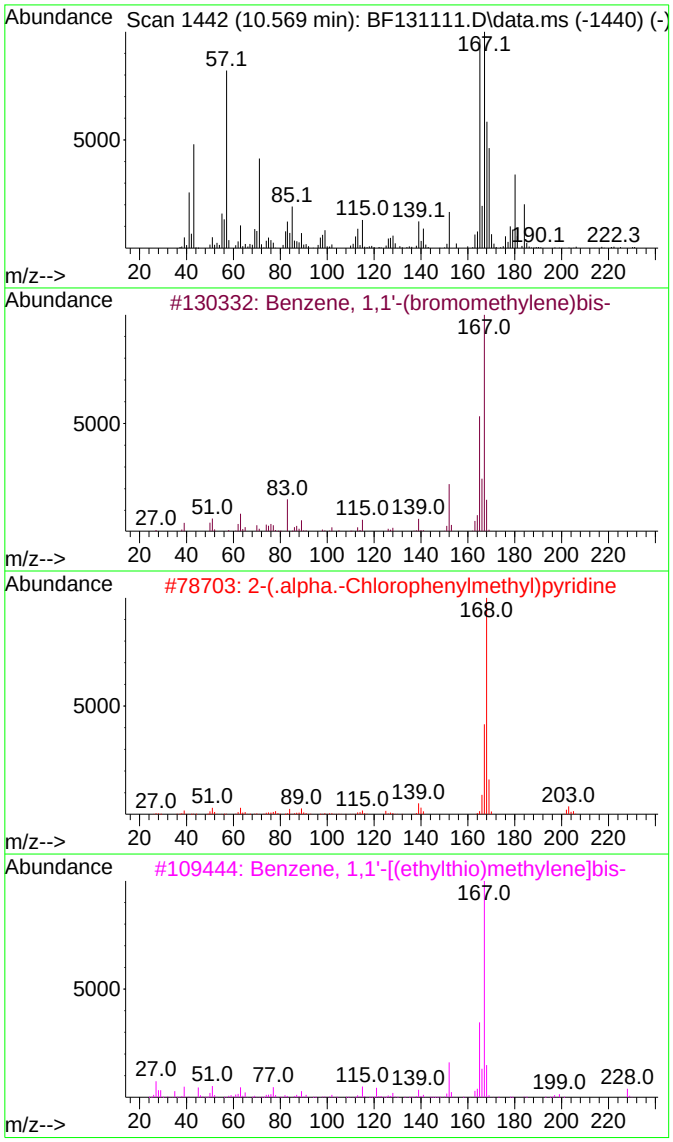
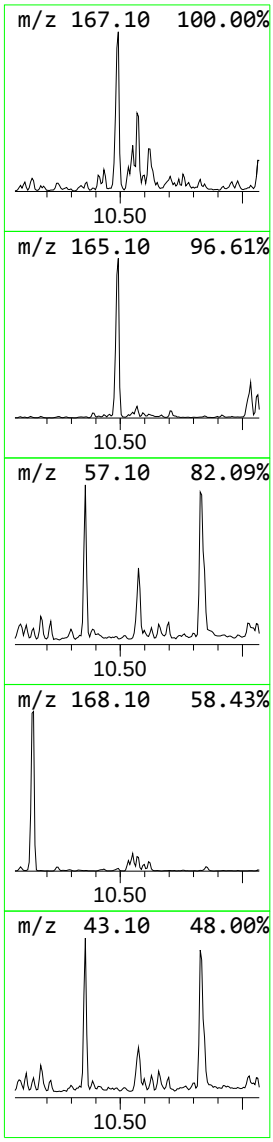
Peak Number 13 unknown10.569 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.569	18.65 ng	571207	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	22
2	2-(.alpha.-Chlorophenylmethyl)py...	203	C12H10ClN	040473-17-4	22
3	Benzene, 1,1'-[(ethylthio)methyl...	228	C15H16S	038793-64-5	22
4	2-Chlorodiphenylmethane	202	C13H11Cl	029921-41-3	22
5	Benzoxazole, 5-chloro-2-methyl-	167	C8H6ClNO	019219-99-9	18





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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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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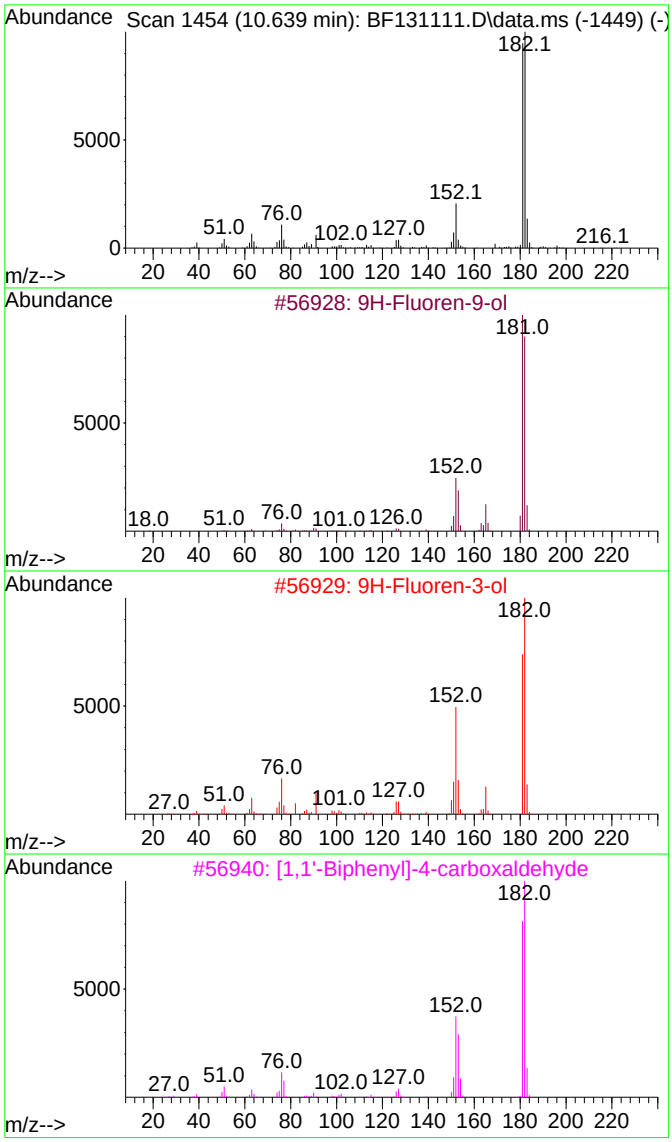
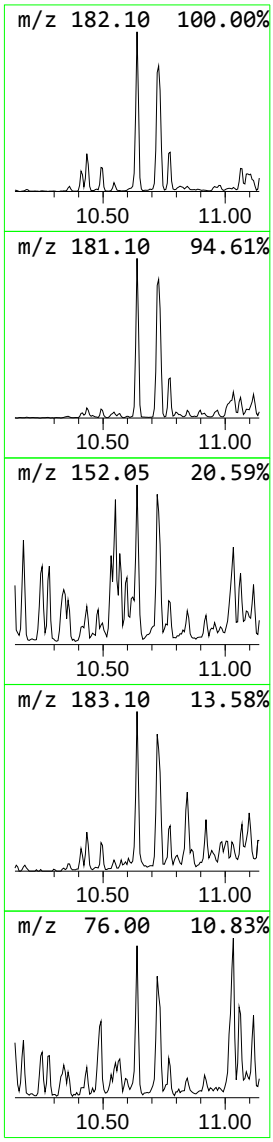
Peak Number 14 9H-Fluoren-9-ol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.639	23.29 ng	713271	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	83
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-03-110722

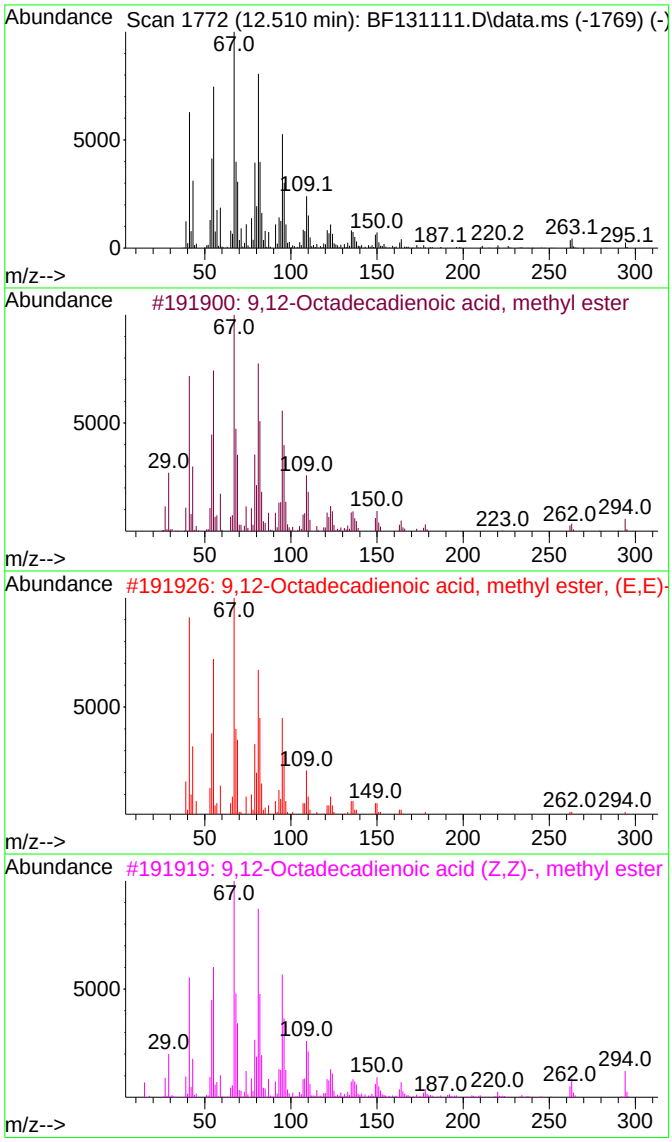
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

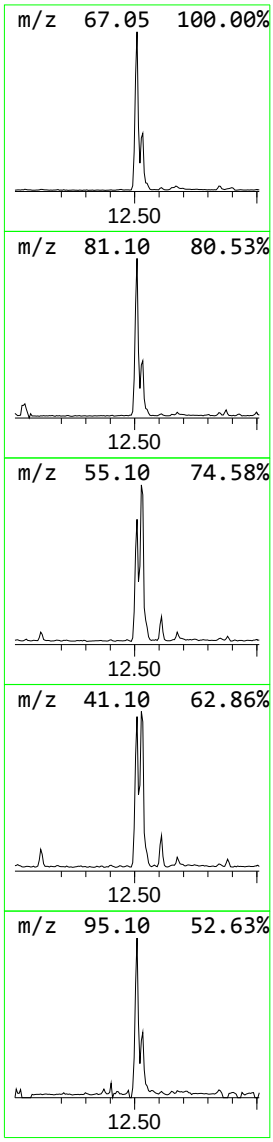
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	10.05 ng	3855830	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98





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Sample : N5511-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

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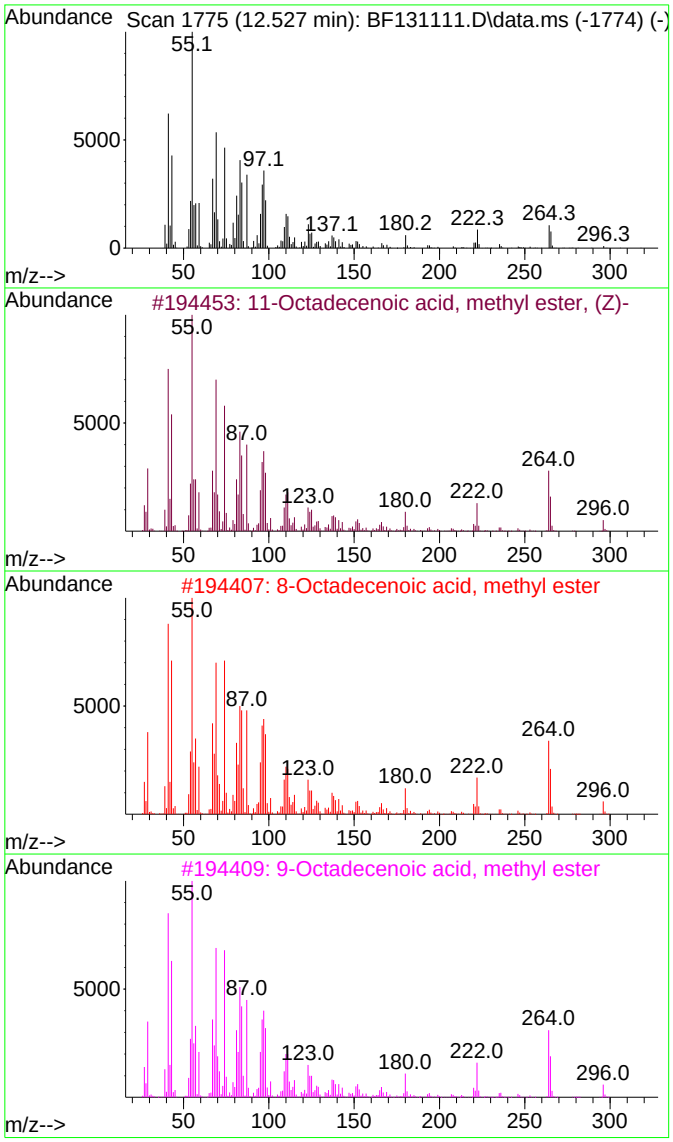
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

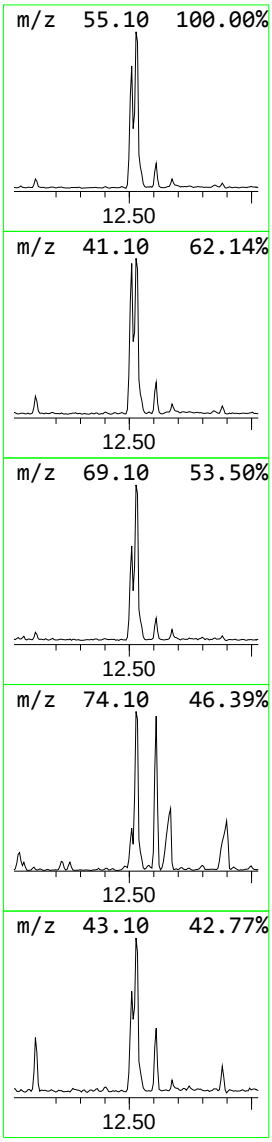
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 11-Octadecenoic acid, methy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.527	7.79 ng	2987480	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
2	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
3	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	98





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Data File : BF131111.D
Acq On : 10 Nov 2022 03:32
Operator : CG\JU
Sample : N5511-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-03-110722

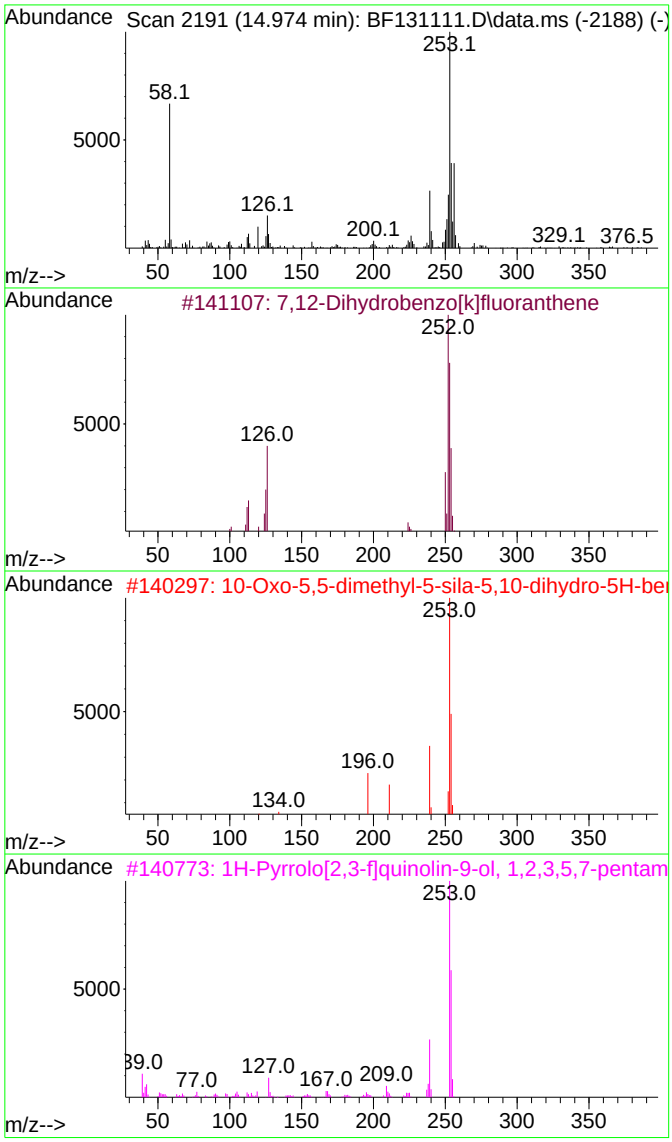
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

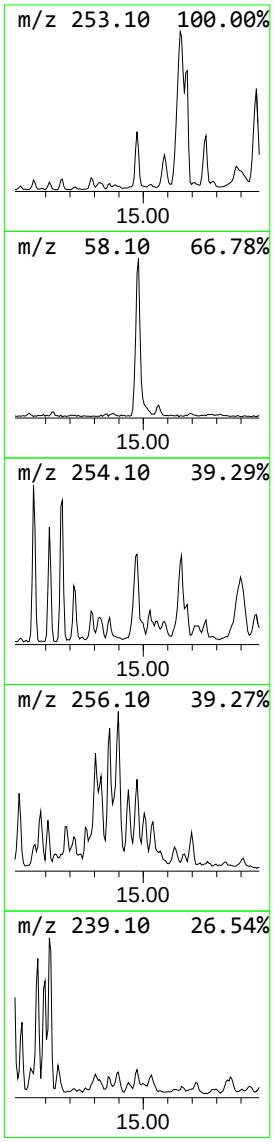
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.974	20.35 ng	458152	Perylene-d12	15.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	60
2	10-Oxo-5,5-dimethyl-5-sila-5,10-...	254	C14H14N2OSi	089052-45-9	53
3	1H-Pyrrolo[2,3-f]quinolin-9-ol, ...	254	C16H18N2O	1000303-71-9	46
4	11-Oxo-5,5-dimethyl-5-sila-11H-5...	254	C14H14N2OSi	089052-47-1	38
5	1,1-Dioxido-1,2-benzisothiazol-3...	254	C10H14N2O2SSi	1000479-94-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131111.D
Acq On : 10 Nov 2022 03:32
Operator : CG\JU
Sample : N5511-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-03-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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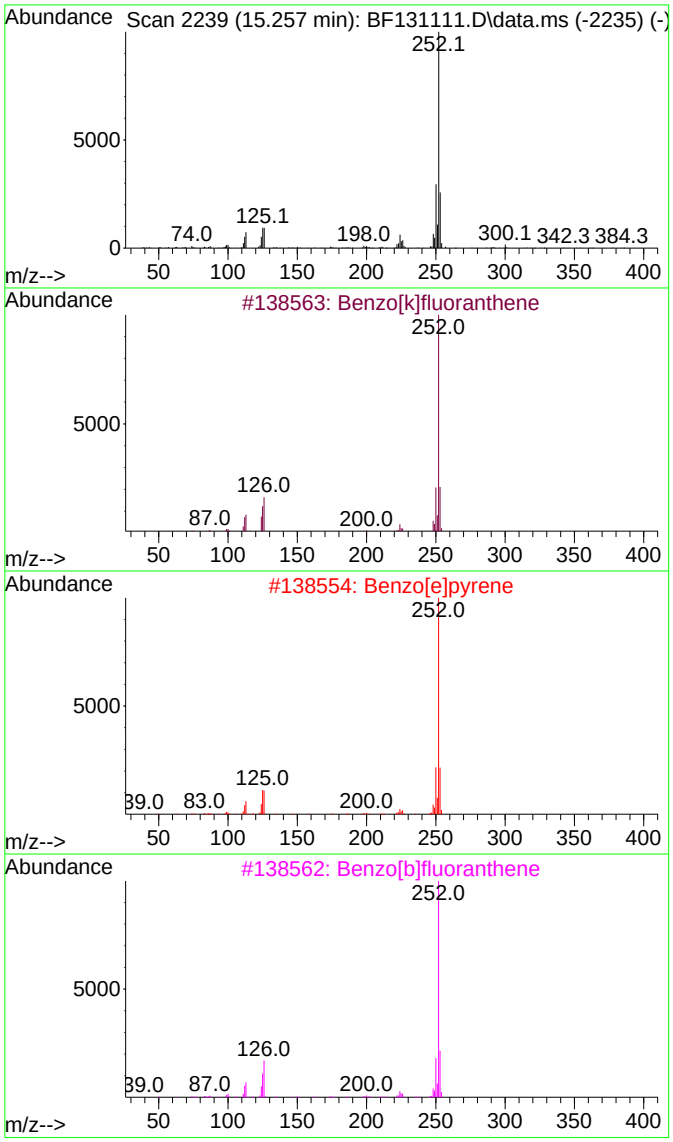
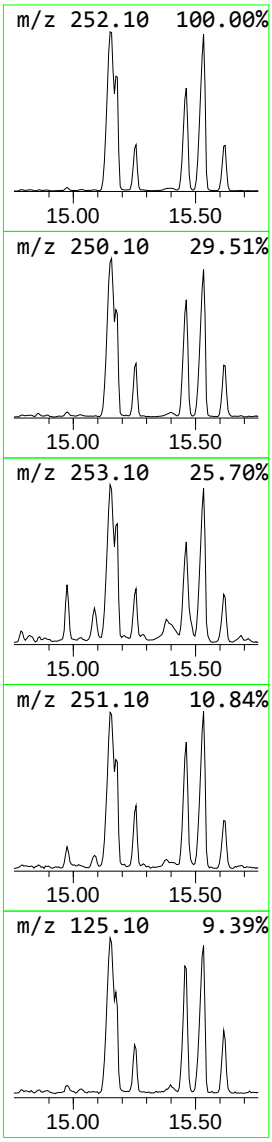
Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.257	27.12 ng	610571	Perylene-d12	15.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	90





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Data File : BF131111.D
Acq On : 10 Nov 2022 03:32
Operator : CG\JU
Sample : N5511-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-03-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.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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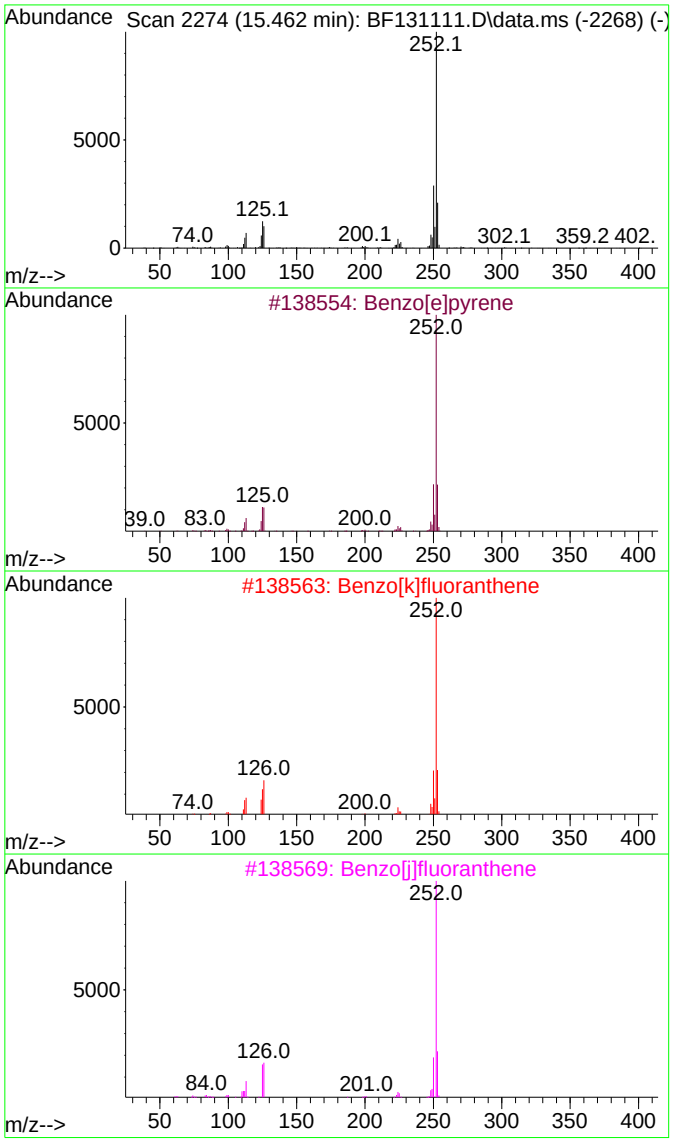
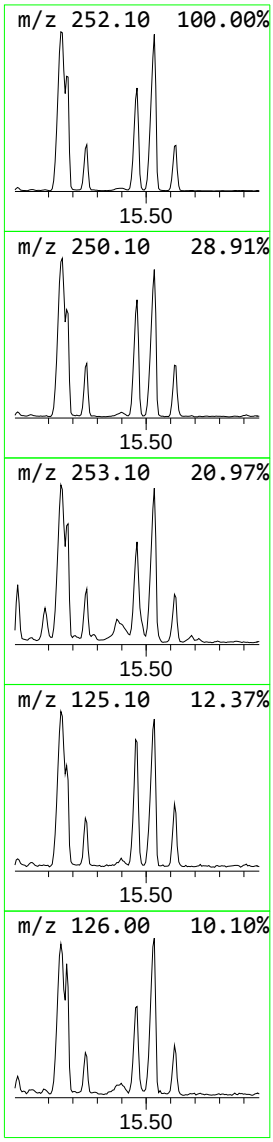
Peak Number 19 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.462	74.51 ng	1677700	Perylene-d12	15.586

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	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Data File : BF131111.D
Acq On : 10 Nov 2022 03:32
Operator : CG\JU
Sample : N5511-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-03-110722

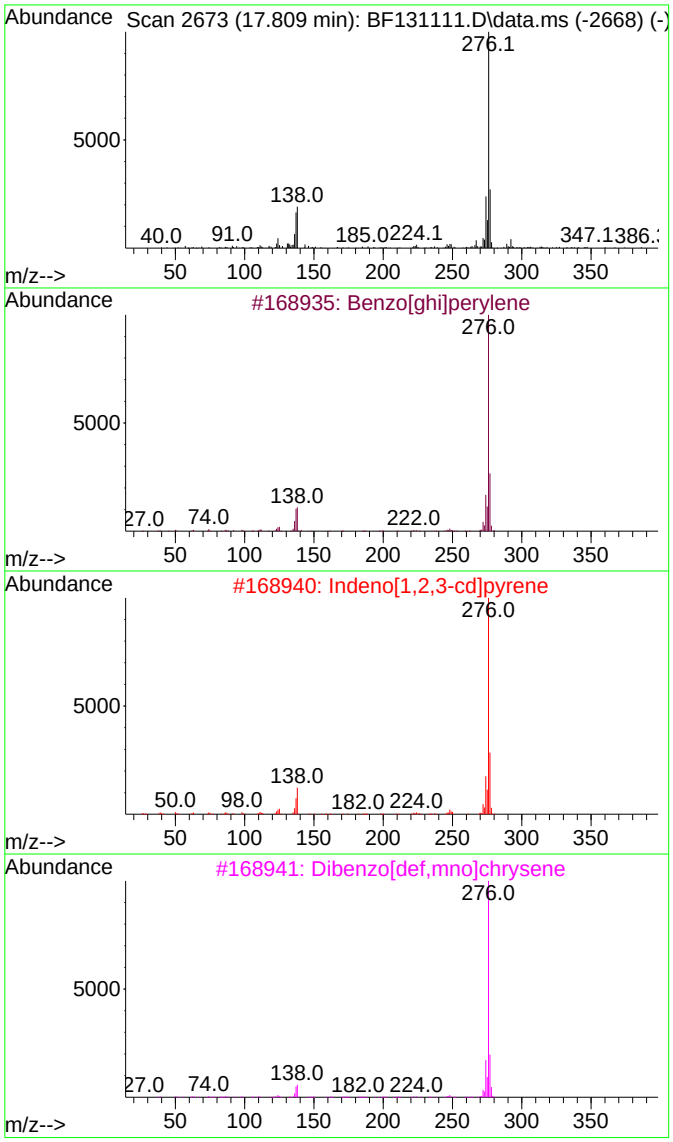
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

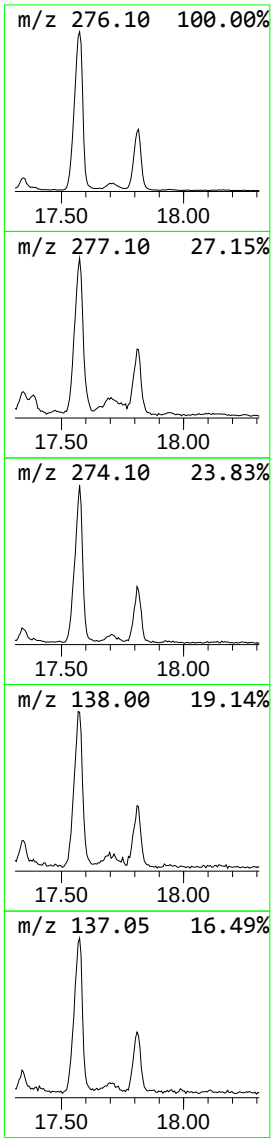
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.809	17.70 ng	398450	Perylene-d12	15.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	95
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	94
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	91
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	76
5	Naphthalen-1-yl-(3-nitro-benzyli...	276	C17H12N2O2	200421-53-0	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131111.D
Acq On : 10 Nov 2022 03:32
Operator : CG\JU
Sample : N5511-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-03-110722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.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
Butane, 2-metho...	2.187	30.9	ng	841405	1	6.892	544030	20.0
2-Pentanone, 4-...	5.116	25.9	ng	705434	1	6.892	544030	20.0
Naphthalene, 2-...	9.445	11.4	ng	348333	3	9.933	612515	20.0
Naphthalene, 2,...	9.522	45.9	ng	1405490	3	9.933	612515	20.0
Naphthalene, 1,...	9.592	47.8	ng	1464460	3	9.933	612515	20.0
Naphthalene, 1,...	9.616	20.4	ng	626263	3	9.933	612515	20.0
Naphthalene, 2,...	9.710	22.7	ng	696443	3	9.933	612515	20.0
Pentadecane	9.857	11.5	ng	352091	3	9.933	612515	20.0
Naphthalene, 2-...	10.033	12.4	ng	379172	3	9.933	612515	20.0
Naphthalene, 1,...	10.251	15.6	ng	476615	3	9.933	612515	20.0
Naphthalene, 2,...	10.280	11.3	ng	345219	3	9.933	612515	20.0
Undecane	10.357	31.4	ng	961856	3	9.933	612515	20.0
unknown10.569	10.569	18.6	ng	571207	3	9.933	612515	20.0
9H-Fluoren-9-ol	10.639	23.3	ng	713271	3	9.933	612515	20.0
9,12-Octadecadi...	12.510	10.1	ng	3855830	4	11.433	7672820	20.0
11-Octadecenoic...	12.527	7.8	ng	2987480	4	11.433	7672820	20.0
7,12-Dihydroben...	14.974	20.4	ng	458152	6	15.586	450346	20.0
Benzo[e]pyrene	15.257	27.1	ng	610571	6	15.586	450346	20.0
Benzo[j]fluoran...	15.462	74.5	ng	1677700	6	15.586	450346	20.0
Dibenzo[def,mno...	17.809	17.7	ng	398450	6	15.586	450346	20.0