LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
Data File : BF131481.D
Acq On : 30 Nov 2022 20:33
Operator : CG\JU
Sample : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1

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-BF112122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131481.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.252	21	28	35	rVB	439051	554974	27.13%	1.113%
2	5.175	518	525	528	rBV	1058292	1344438	65.73%	2.695%
3	5.563	584	591	594	rBV	1903081	1837430	89.83%	3.684%
4	6.569	753	762	765	rVV	1886836	1934828	94.59%	3.879%
5	6.769	793	796	800	rBV2	119783	133026	6.50%	0.267%
6	6.945	822	826	829	rBV	734857	583900	28.55%	1.171%
7	7.128	853	857	860	rVB	575246	485146	23.72%	0.973%
8	7.481	911	917	919	rBV	201106	217853	10.65%	0.437%
9	7.510	919	922	926	rVB	1237462	1223846	59.83%	2.454%
10	7.645	939	945	948	rBV6	77676	128887	6.30%	0.258%
11	7.904	986	989	993	rVB	337168	295498	14.45%	0.592%
12	7.969	997	1000	1005	rVV	671903	649812	31.77%	1.303%
13	8.016	1005	1008	1012	rVV	187831	255389	12.49%	0.512%
14	8.239	1037	1046	1047	rVV2	813843	1056169	51.63%	2.117%
15	8.263	1047	1050	1052	rVV	2252754	2045516	100.00%	4.101%
16	8.281	1052	1053	1056	rVV2	214484	180305	8.81%	0.361%
17	8.316	1056	1059	1064	rVB3	131465	150429	7.35%	0.302%
18	8.522	1090	1094	1098	rVB4	121980	180330	8.82%	0.362%
19	8.698	1122	1124	1127	rVV	106241	111135	5.43%	0.223%
20	8.822	1143	1145	1148	rBV3	106136	110332	5.39%	0.221%
21	8.957	1164	1168	1171	rVB	1612675	1411308	69.00%	2.829%
22	9.057	1179	1185	1187	rBV	1107939	1040587	50.87%	2.086%
23	9.251	1216	1218	1224	rVB2	128583	125034	6.11%	0.251%
24	9.316	1224	1229	1232	rBV	2339801	2029256	99.21%	4.068%
25	9.516	1260	1263	1268	rVB	163970	216668	10.59%	0.434%
26	9.586	1270	1275	1278	rBV	411832	546945	26.74%	1.097%
27	9.657	1283	1287	1289	rBV	648960	603855	29.52%	1.211%
28	9.681	1289	1291	1293	rVV	313082	230315	11.26%	0.462%
29	9.710	1293	1296	1299	rVB3	216627	228637	11.18%	0.458%
30	9.775	1303	1307	1309	rBV	308885	281601	13.77%	0.565%
31	9.857	1316	1321	1325	rBV2	312788	324059	15.84%	0.650%
32	9.910	1325	1330	1336	rVV5	84406	154770	7.57%	0.310%
33	9.981	1337	1342	1343	rVV2	124978	156582	7.65%	0.314%
34	10.004	1343	1346	1348	rVV	892156	835920	40.87%	1.676%
35	10.034	1348	1351	1354	rVV2	398865	375561	18.36%	0.753%
36	10.104	1360	1363	1367	rBV2	162263	222134	10.86%	0.445%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
Data File : BF131481.D
Acq On : 30 Nov 2022 20:33
Operator : CG\JU
Sample : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

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-BF112122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.204	1374	1380	1383	rVV3	356200	430151	21.03%	0.862%
38	10.239	1383	1386	1391	rBV2	256071	268787	13.14%	0.539%
39	10.316	1396	1399	1402	rBV	251182	247118	12.08%	0.495%
40	10.345	1402	1404	1406	rBV	195467	132842	6.49%	0.266%
41	10.410	1410	1415	1416	rBV	210958	255765	12.50%	0.513%
42	10.428	1416	1418	1420	rVB	183461	128696	6.29%	0.258%
43	10.498	1425	1430	1433	rVB5	88775	130546	6.38%	0.262%
44	10.551	1436	1439	1442	rBV2	459700	458310	22.41%	0.919%
45	10.645	1452	1455	1461	rVB	507318	561341	27.44%	1.125%
46	10.716	1463	1467	1470	rVB2	137524	210521	10.29%	0.422%
47	10.792	1477	1480	1484	rVB	1335218	1261896	61.69%	2.530%
48	10.916	1496	1501	1504	rBV	1495069	1398328	68.36%	2.803%
49	11.098	1528	1532	1535	rBV4	220225	344761	16.85%	0.691%
50	11.128	1535	1537	1544	rVV4	284512	360290	17.61%	0.722%
51	11.304	1564	1567	1570	rVB3	105767	107356	5.25%	0.215%
52	11.386	1577	1581	1587	rVB2	1102491	1169172	57.16%	2.344%
53	11.498	1597	1600	1602	rBV	791425	819770	40.08%	1.643%
54	11.528	1602	1605	1608	rVV	1747843	1457122	71.23%	2.921%
55	11.575	1611	1613	1615	rVB	365178	254842	12.46%	0.511%
56	11.610	1616	1619	1621	rBV4	119742	128118	6.26%	0.257%
57	11.733	1637	1640	1644	rBV	551930	527260	25.78%	1.057%
58	11.780	1646	1648	1652	rVV2	104135	115110	5.63%	0.231%
59	11.833	1655	1657	1662	rVB2	162570	176968	8.65%	0.355%
60	11.910	1668	1670	1675	rBV4	100774	130077	6.36%	0.261%
61	12.004	1683	1686	1689	rBV	551091	572268	27.98%	1.147%
62	12.033	1689	1691	1694	rVV	760515	569747	27.85%	1.142%
63	12.080	1697	1699	1702	rVV2	187660	231513	11.32%	0.464%
64	12.116	1702	1705	1708	rVV3	694088	915290	44.75%	1.835%
65	12.263	1728	1730	1734	rBV4	99593	102962	5.03%	0.206%
66	12.304	1734	1737	1739	rVV2	146552	131061	6.41%	0.263%
67	12.480	1764	1767	1770	rVV2	284176	325298	15.90%	0.652%
68	12.563	1778	1781	1784	rBV	392072	399870	19.55%	0.802%
69	12.598	1784	1787	1790	rVV4	209664	275433	13.47%	0.552%
70	12.651	1794	1796	1800	rBV2	149912	216662	10.59%	0.434%
71	12.686	1800	1802	1806	rVB	159922	160379	7.84%	0.322%
72	12.733	1806	1810	1813	rBV	1063728	962724	47.07%	1.930%
73	12.875	1832	1834	1837	rBV3	99276	115588	5.65%	0.232%
74	12.957	1842	1848	1853	rVV	1322187	1536159	75.10%	3.080%
75	13.010	1854	1857	1860	rVB2	227131	250178	12.23%	0.502%
76	13.069	1865	1867	1868	rVV2	154494	140091	6.85%	0.281%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
Data File : BF131481.D
Acq On : 30 Nov 2022 20:33
Operator : CG\JU
Sample : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

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-BF112122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.092	1868	1871	1878	rVB	1530893	1725578	84.36%	3.459%
78	13.169	1881	1884	1891	rVB4	182014	306528	14.99%	0.615%
79	13.280	1901	1903	1906	rVB	316541	262293	12.82%	0.526%
80	13.351	1912	1915	1917	rVV	193165	160541	7.85%	0.322%
81	13.386	1918	1921	1924	rVB	293193	269014	13.15%	0.539%
82	13.480	1934	1937	1940	rBV	227812	192846	9.43%	0.387%
83	13.510	1940	1942	1945	rVV	192451	165283	8.08%	0.331%
84	13.969	2016	2020	2022	rVV2	73911	106832	5.22%	0.214%
85	13.998	2023	2025	2030	rVB3	137528	165099	8.07%	0.331%
86	14.151	2047	2051	2054	rBV2	792102	1079616	52.78%	2.164%
87	14.186	2054	2057	2063	rVB	525346	538531	26.33%	1.080%
88	14.251	2063	2068	2073	rVB4	133702	226246	11.06%	0.454%
89	14.545	2113	2118	2121	rVV	258164	308079	15.06%	0.618%
90	14.574	2121	2123	2127	rVB	137371	126193	6.17%	0.253%
91	14.674	2137	2140	2142	rVV	142717	159377	7.79%	0.320%
92	14.698	2142	2144	2147	rVB2	141314	124485	6.09%	0.250%
93	15.233	2231	2235	2239	rBV	422317	751695	36.75%	1.507%
94	15.345	2251	2254	2259	rBV	120294	145083	7.09%	0.291%
95	15.557	2286	2290	2297	rVB	346647	451956	22.09%	0.906%
96	15.627	2297	2302	2307	rVB	552984	719245	35.16%	1.442%
97	15.692	2308	2313	2316	rVV	479773	651744	31.86%	1.307%
98	15.721	2316	2318	2325	rVB2	196223	272930	13.34%	0.547%
99	17.257	2573	2579	2588	rVB2	197648	415294	20.30%	0.833%
100	17.727	2654	2659	2669	rVB	150576	313624	15.33%	0.629%

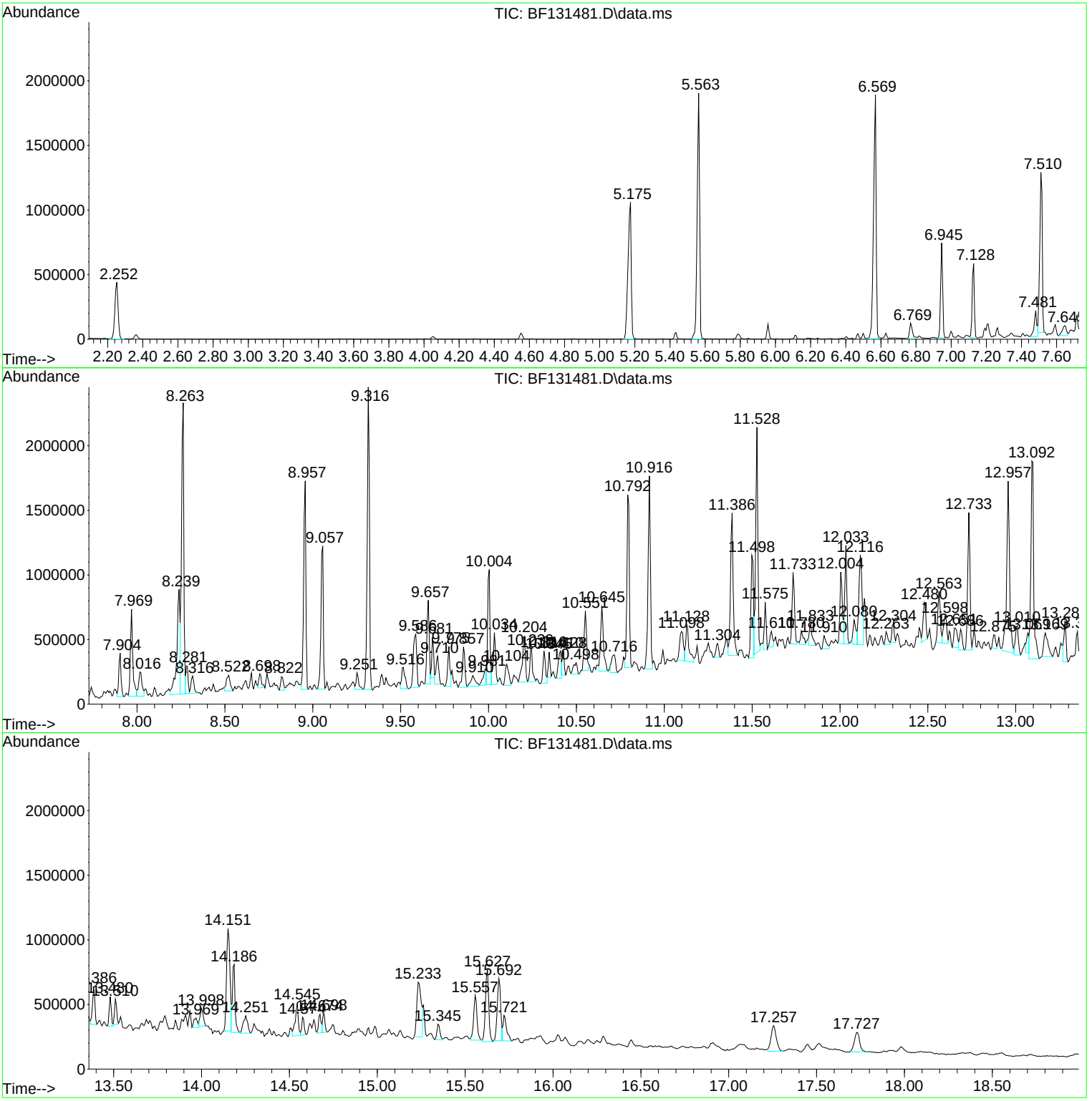
Sum of corrected areas: 49880957

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
Data File : BF131481.D
Acq On : 30 Nov 2022 20:33
Operator : CG\JU
Sample : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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\BF113022\
Data File : BF131481.D
Acq On : 30 Nov 2022 20:33
Operator : CG\JU
Sample : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

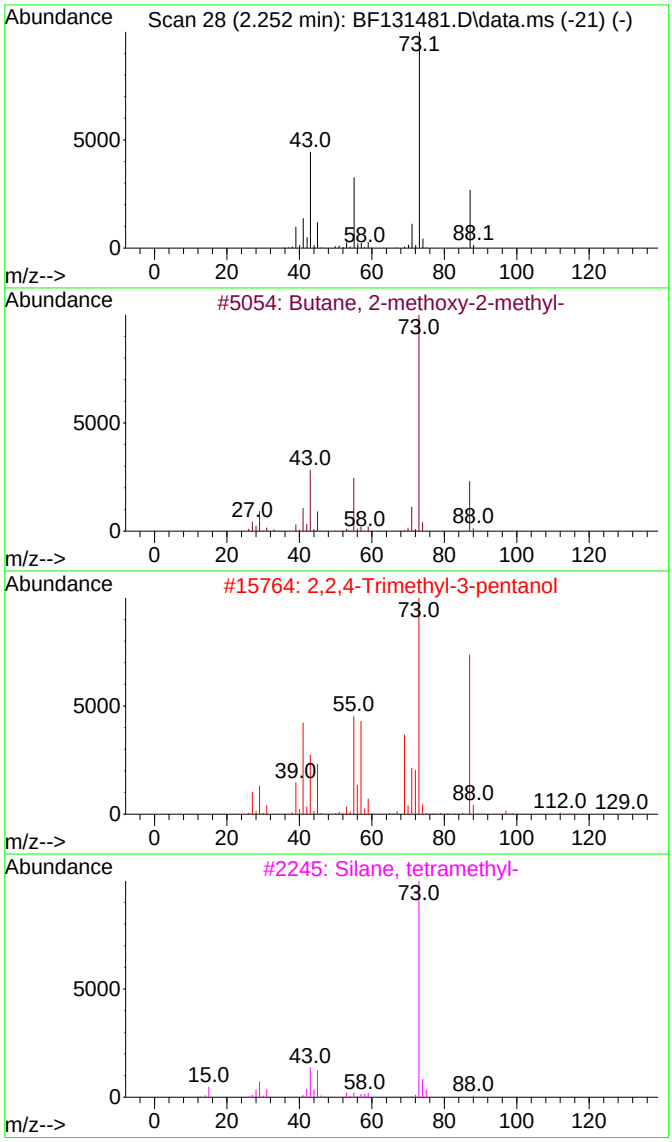
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

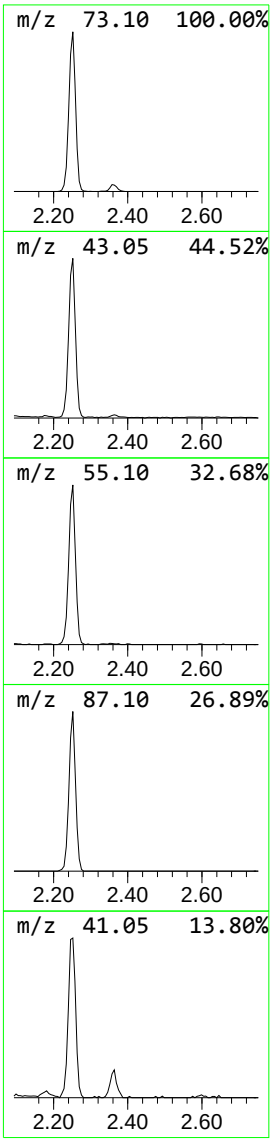
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.252	19.01 ng	554974	1,4-Dichlorobenzene-d4	6.945

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	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
Data File : BF131481.D
Acq On : 30 Nov 2022 20:33
Operator : CG\JU
Sample : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

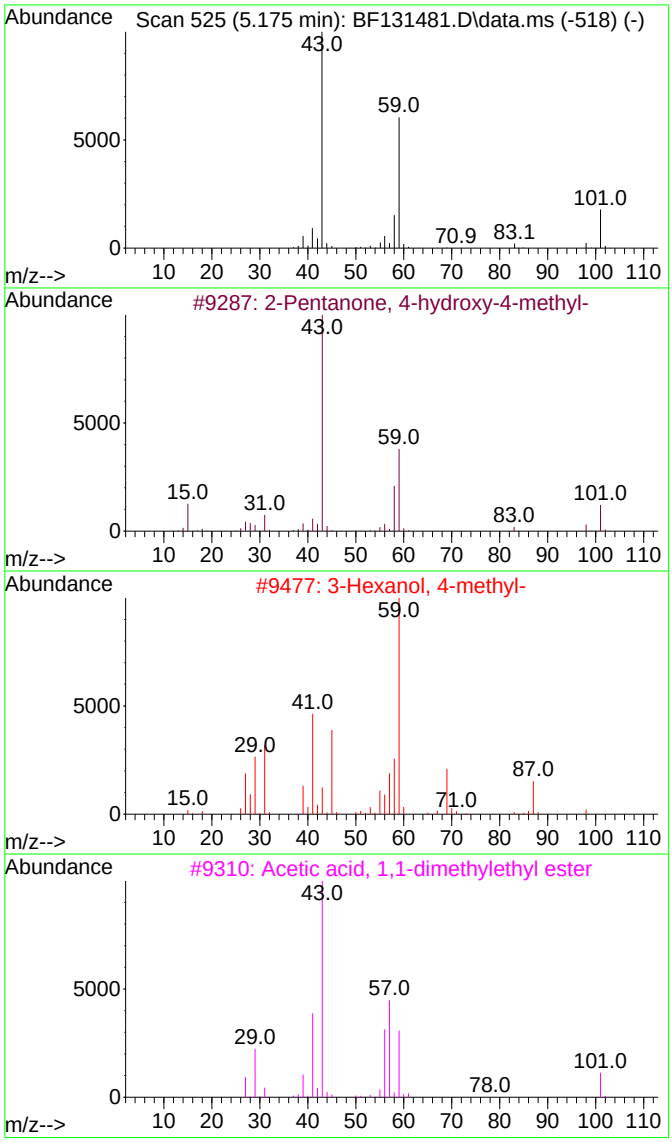
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

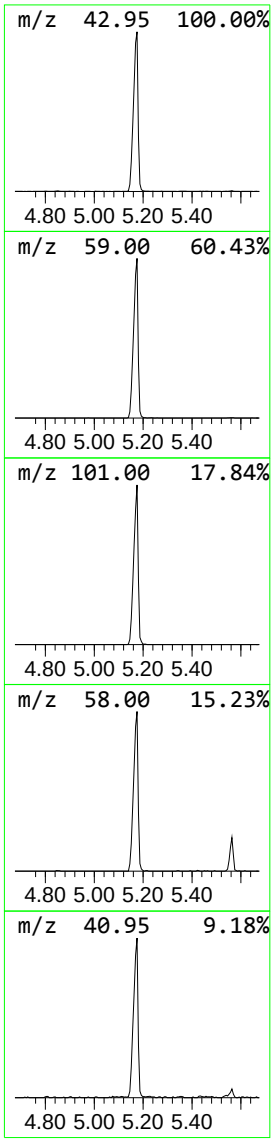
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.175	46.05 ng	1344440	1,4-Dichlorobenzene-d4	6.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
Data File : BF131481.D
Acq On : 30 Nov 2022 20:33
Operator : CG\JU
Sample : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

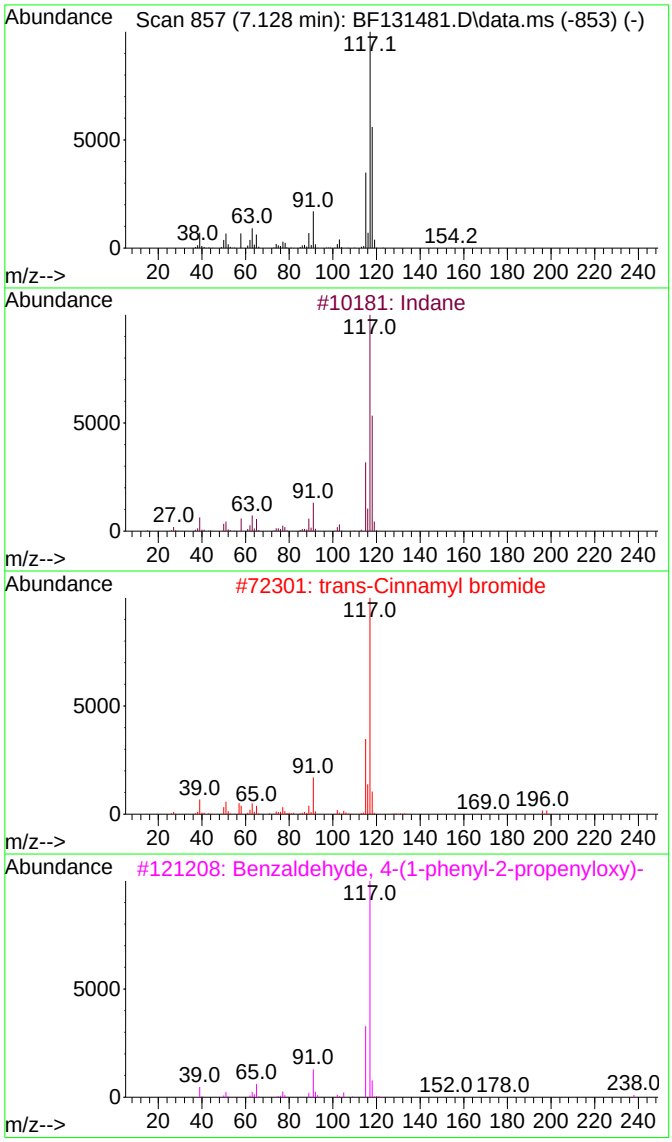
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

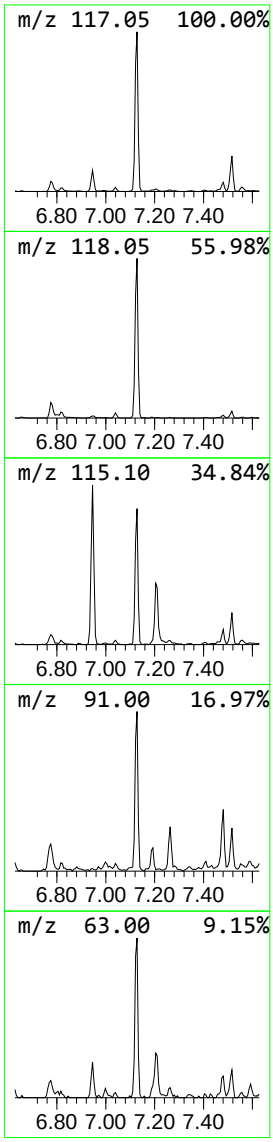
****

Peak Number 3 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.128	16.62 ng	485146	1,4-Dichlorobenzene-d4	6.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53
3	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	50
4	Benzene, (isocyanomethyl)-	117	C8H7N	010340-91-7	50
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
Data File : BF131481.D
Acq On : 30 Nov 2022 20:33
Operator : CG\JU
Sample : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

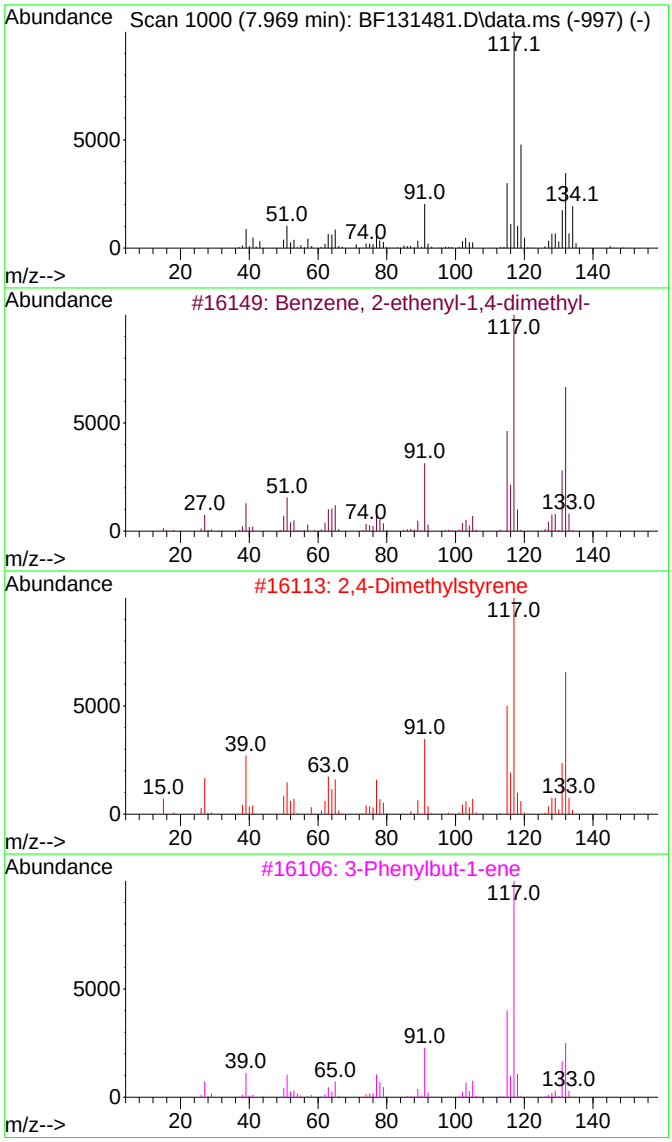
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

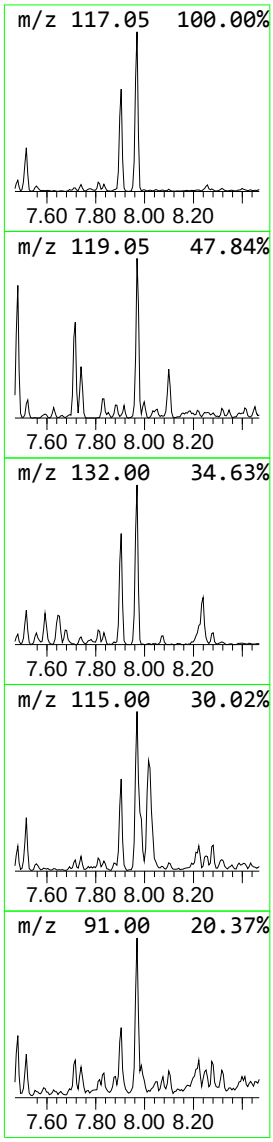
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.969	12.31 ng	649812	Naphthalene-d8	8.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
Data File : BF131481.D
Acq On : 30 Nov 2022 20:33
Operator : CG\JU
Sample : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

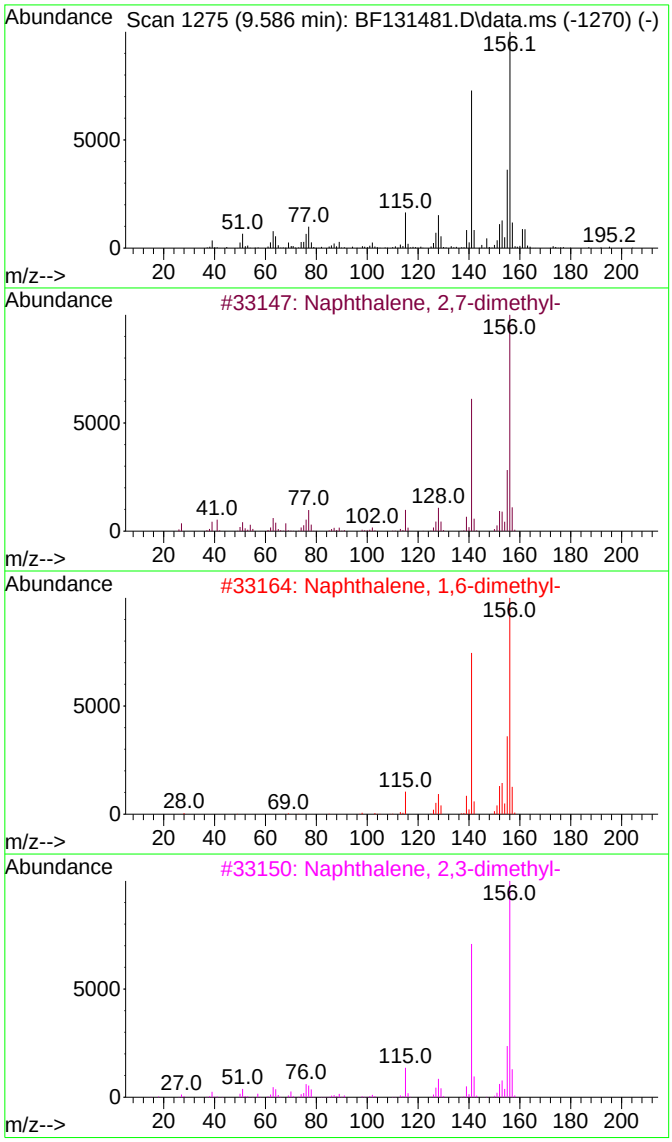
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

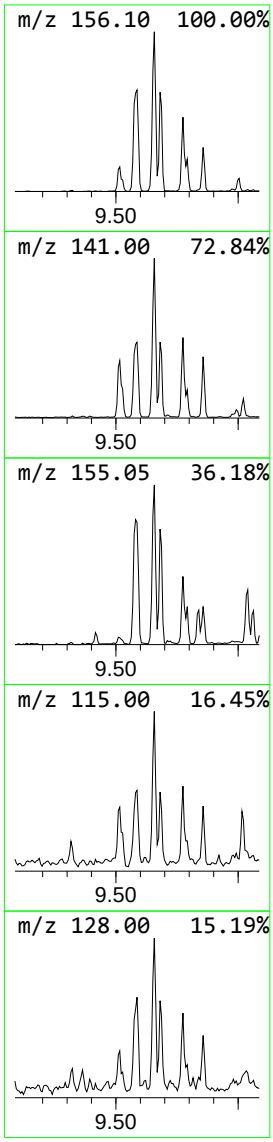
****

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.586	13.09 ng	546945	Acenaphthene-d10	10.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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Data File : BF131481.D
Acq On : 30 Nov 2022 20:33
Operator : CG\JU
Sample : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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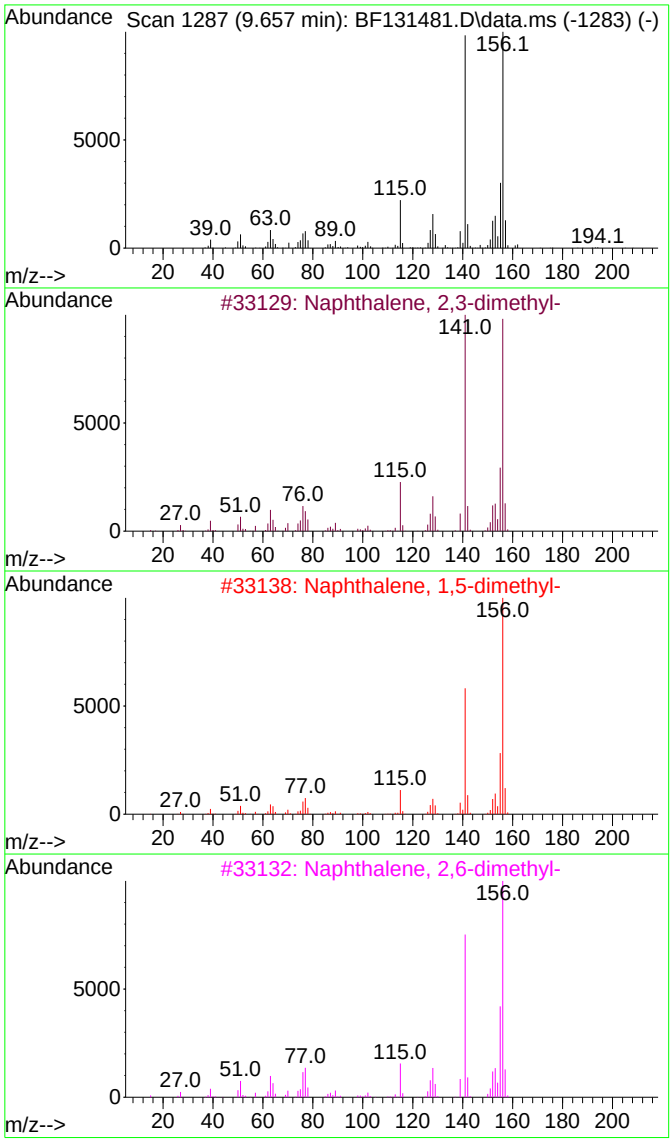
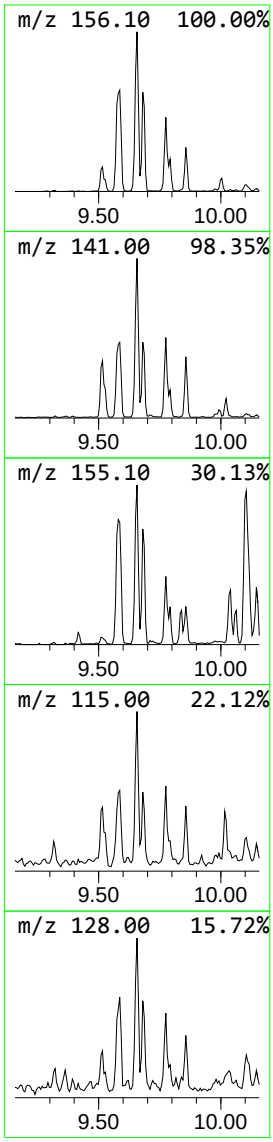
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.657	14.45 ng	603855	Acenaphthene-d10	10.004

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, 2,6-dimethyl-	156	C12H12	000581-42-0	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 : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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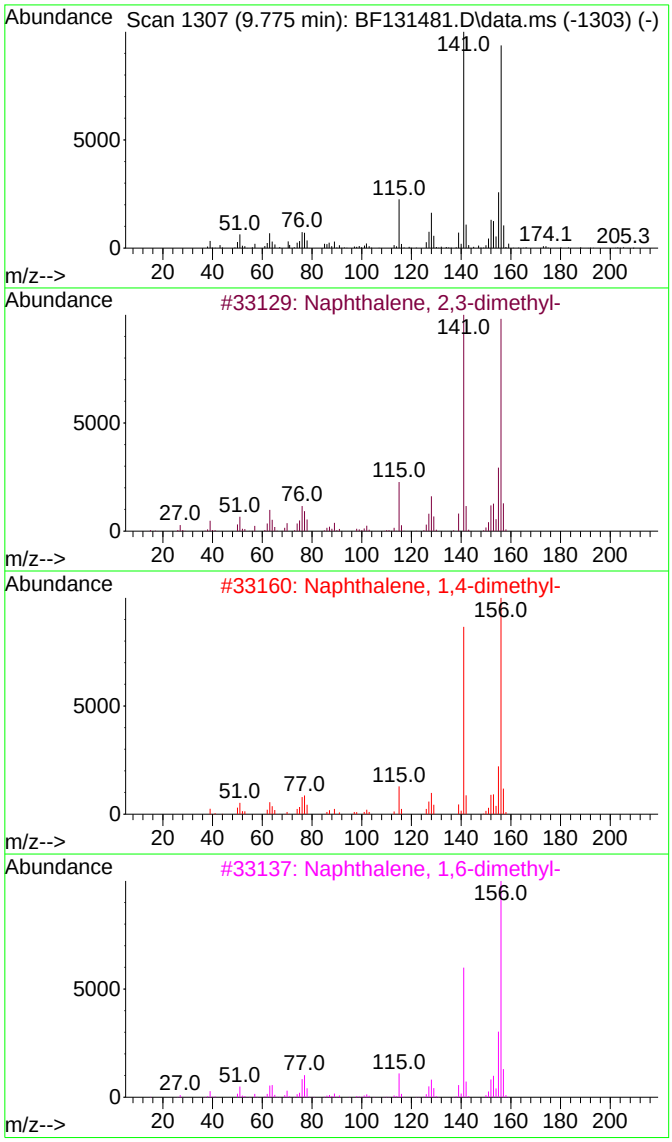
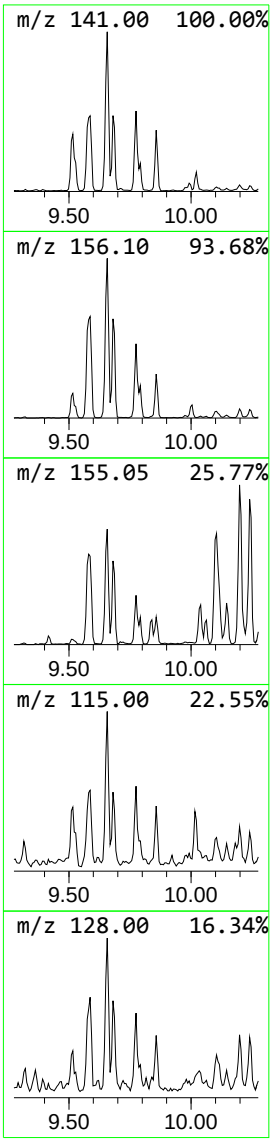
Peak Number 7 Naphthalene, 1,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.775	6.74 ng	281601	Acenaphthene-d10	10.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





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Acq On : 30 Nov 2022 20:33
Operator : CG\JU
Sample : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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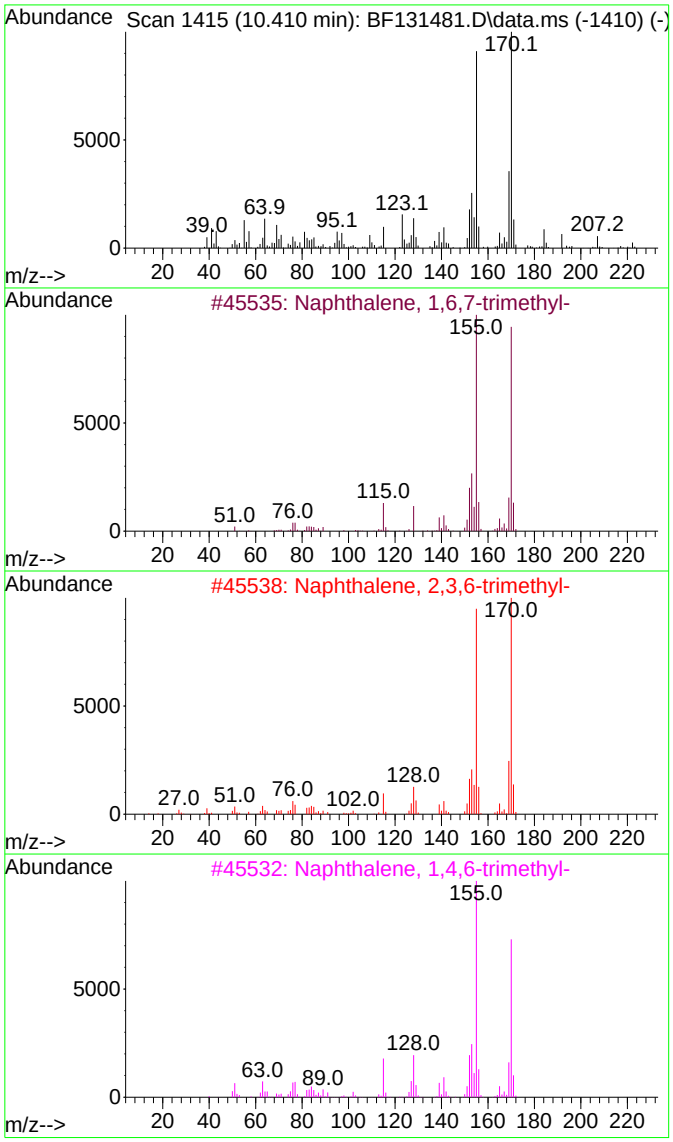
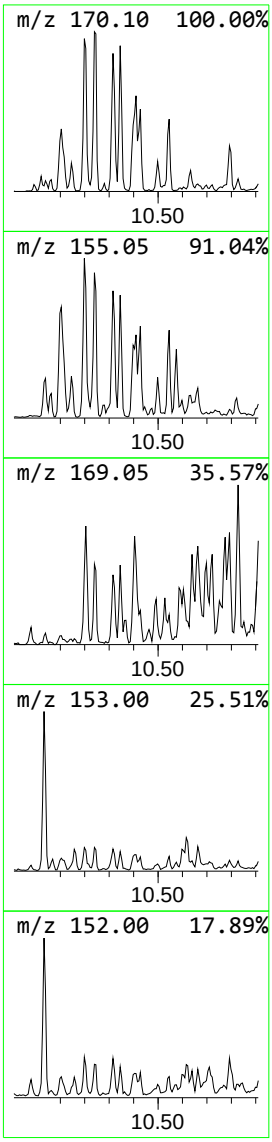
Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.410	6.12 ng	255765	Acenaphthene-d10	10.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





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Acq On : 30 Nov 2022 20:33
Operator : CG\JU
Sample : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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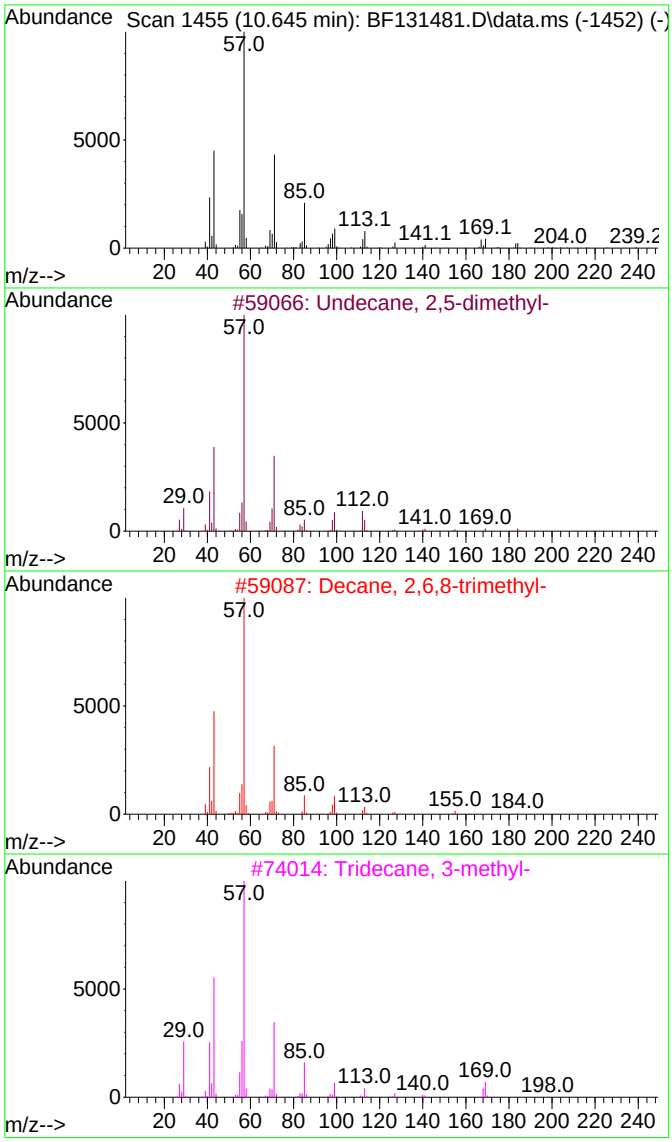
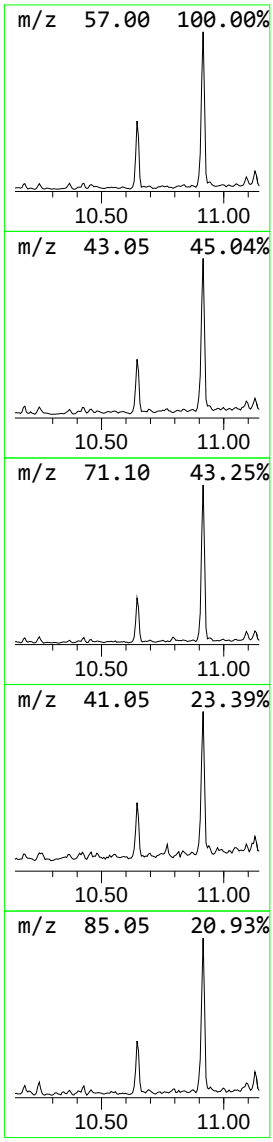
Peak Number 9 Undecane, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	13.43 ng	561341	Acenaphthene-d10	10.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	74
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64





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Acq On : 30 Nov 2022 20:33
Operator : CG\JU
Sample : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

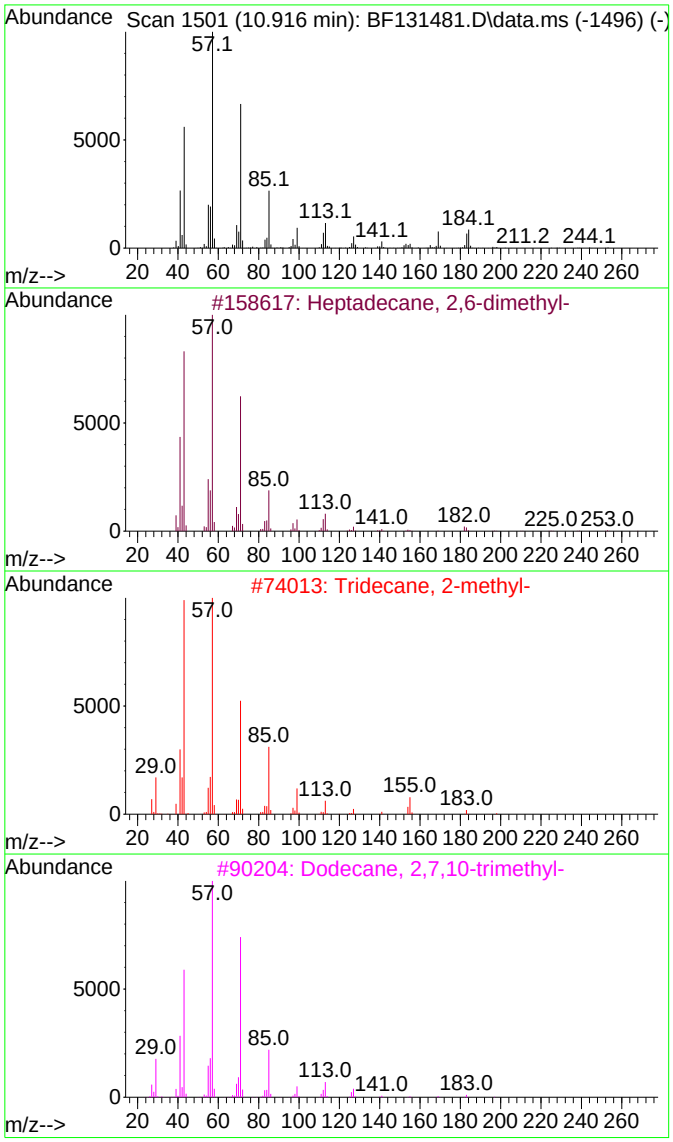
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

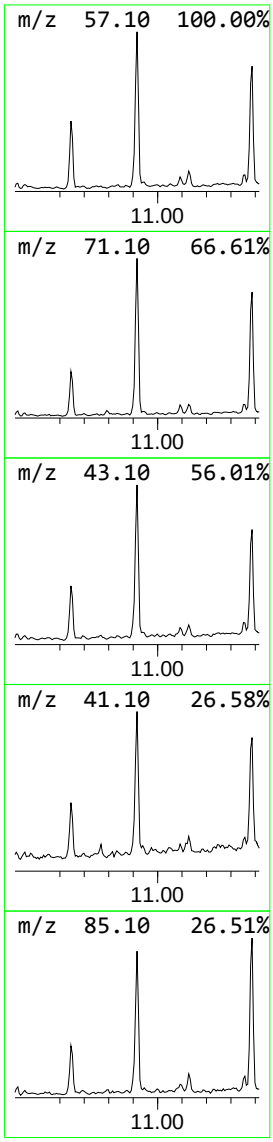
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Heptadecane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.916	34.12 ng	1398330	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	86
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	80
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64





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Acq On : 30 Nov 2022 20:33
Operator : CG\JU
Sample : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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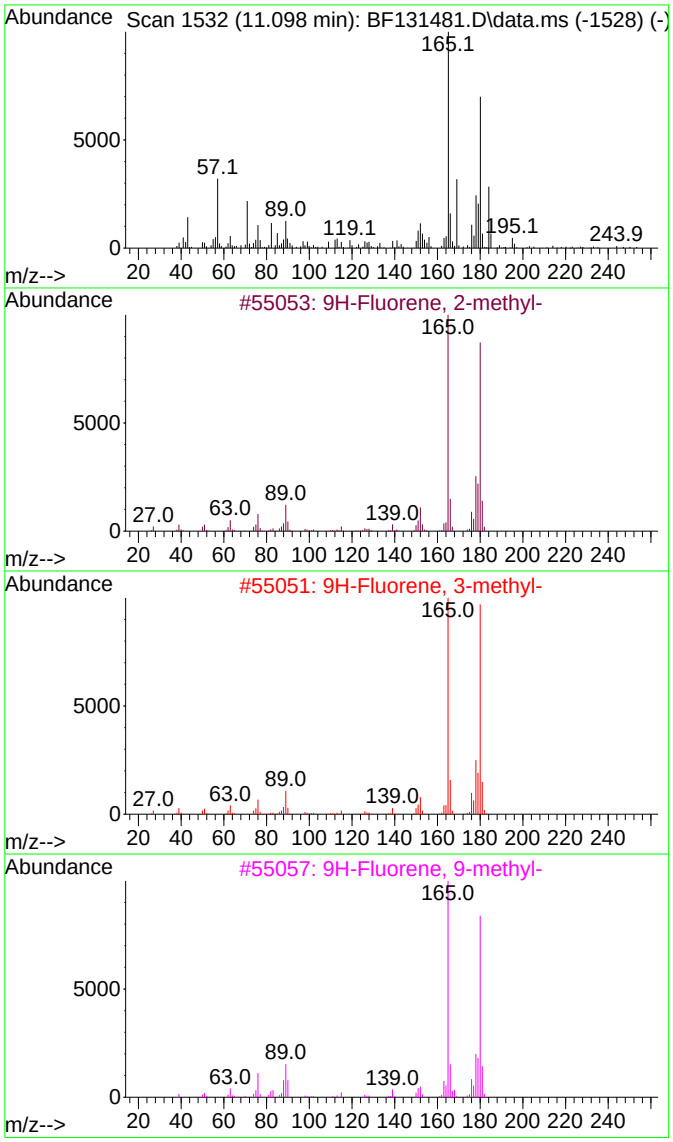
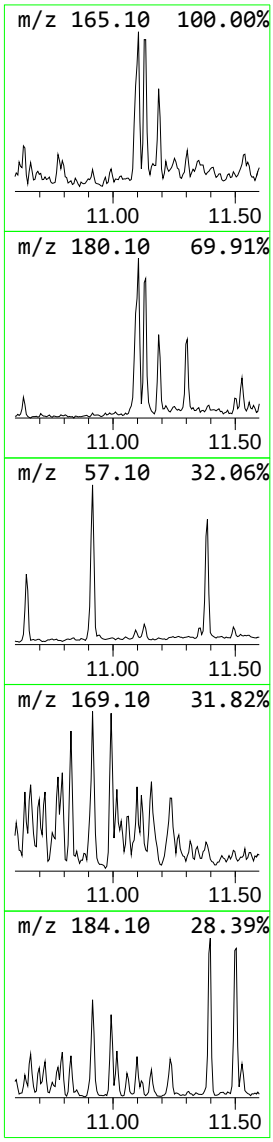
Peak Number 11 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.098	8.41 ng	344761	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	64
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	58
4	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	52
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	52





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Acq On : 30 Nov 2022 20:33
Operator : CG\JU
Sample : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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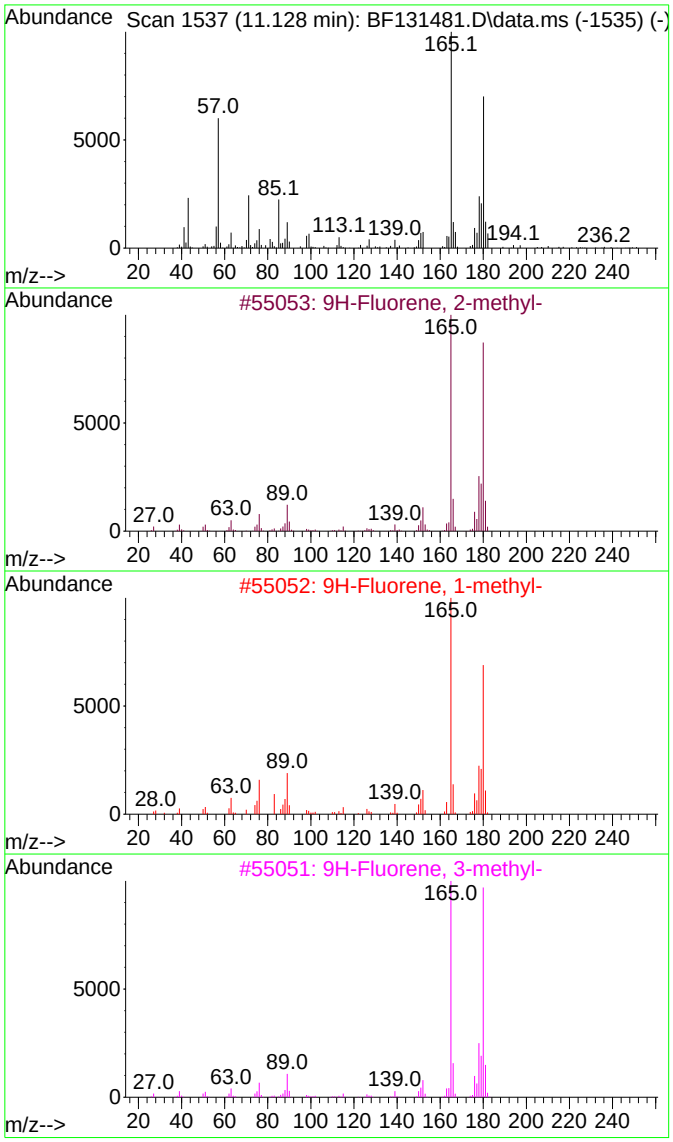
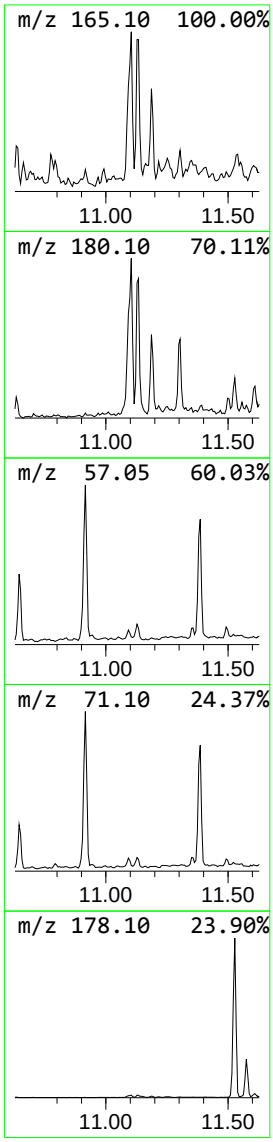
Peak Number 12 9H-Fluorene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.128	8.79 ng	360290	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	92
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	60





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Operator : CG\JU
Sample : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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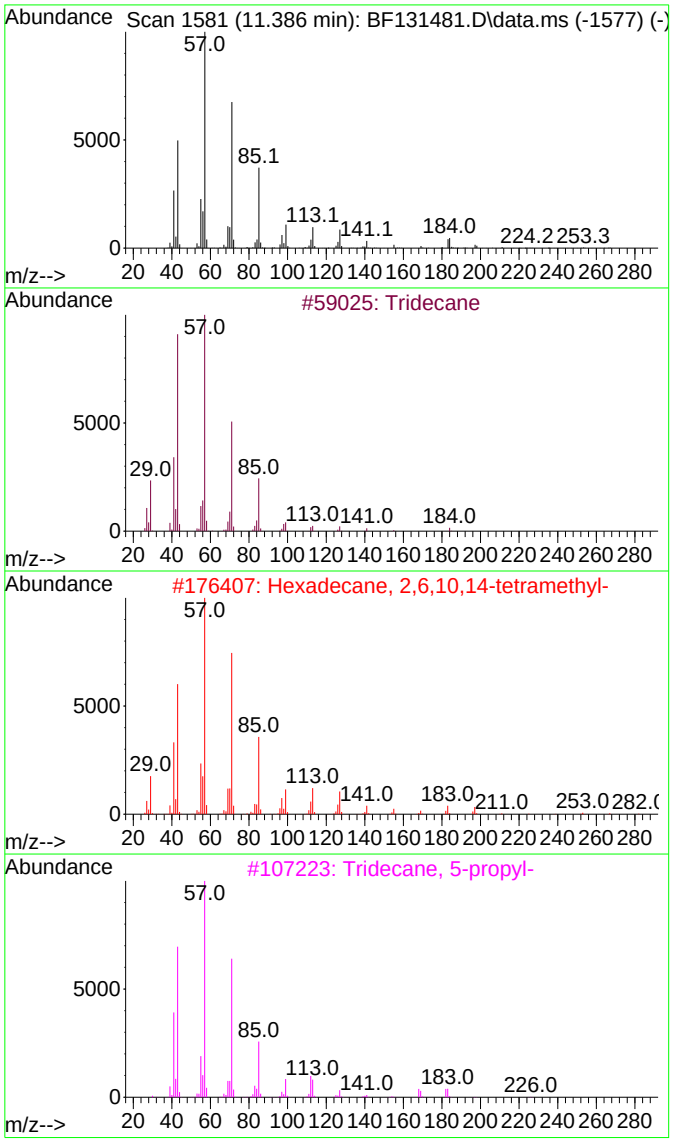
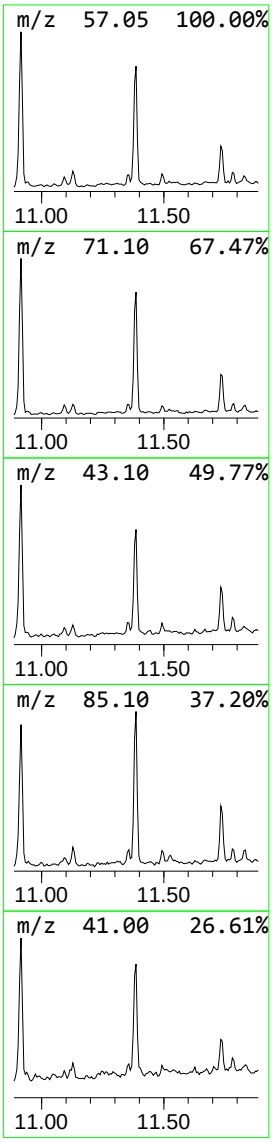
Peak Number 13 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.386	28.52 ng	1169170	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
4	Heptacosane	380	C27H56	000593-49-7	86
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80





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Acq On : 30 Nov 2022 20:33
Operator : CG\JU
Sample : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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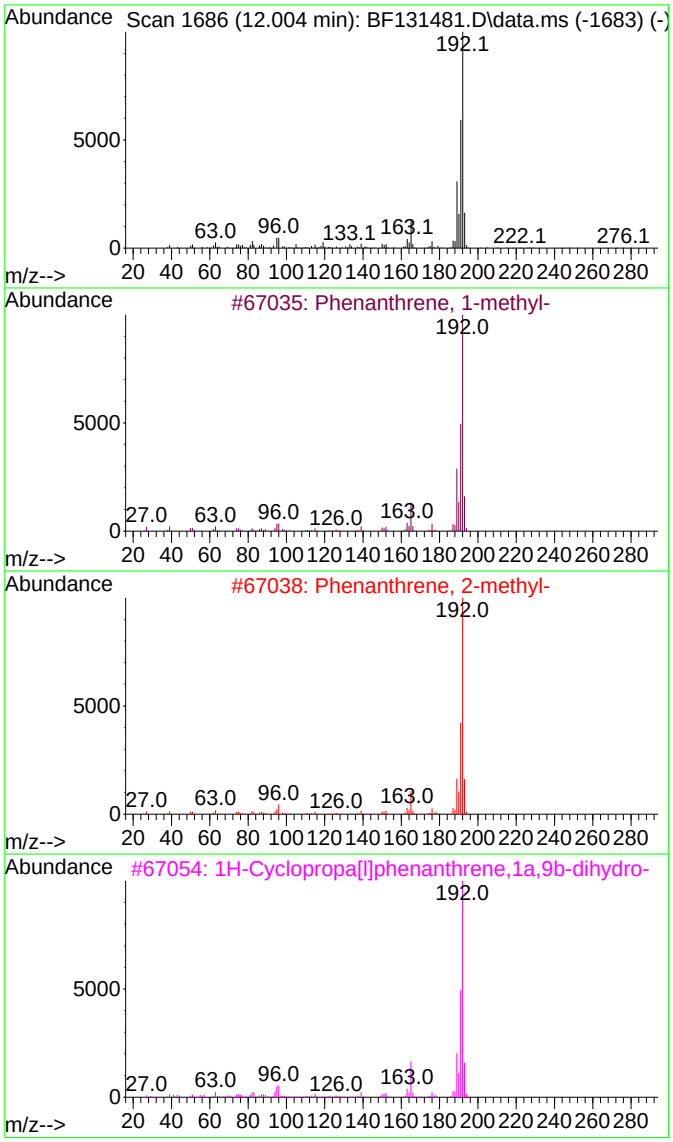
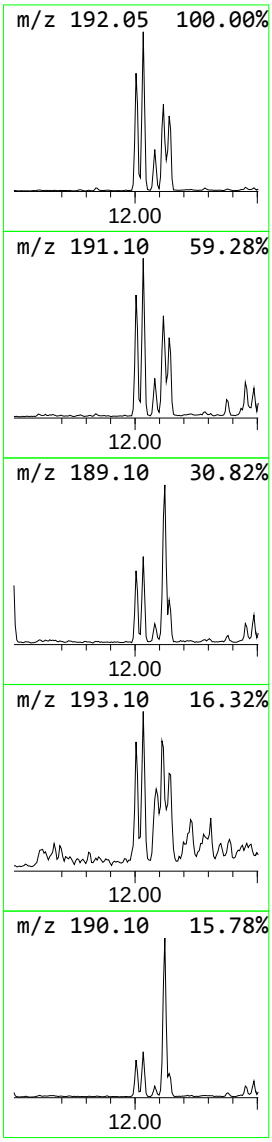
Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	13.96 ng	572268	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Acq On : 30 Nov 2022 20:33
Operator : CG\JU
Sample : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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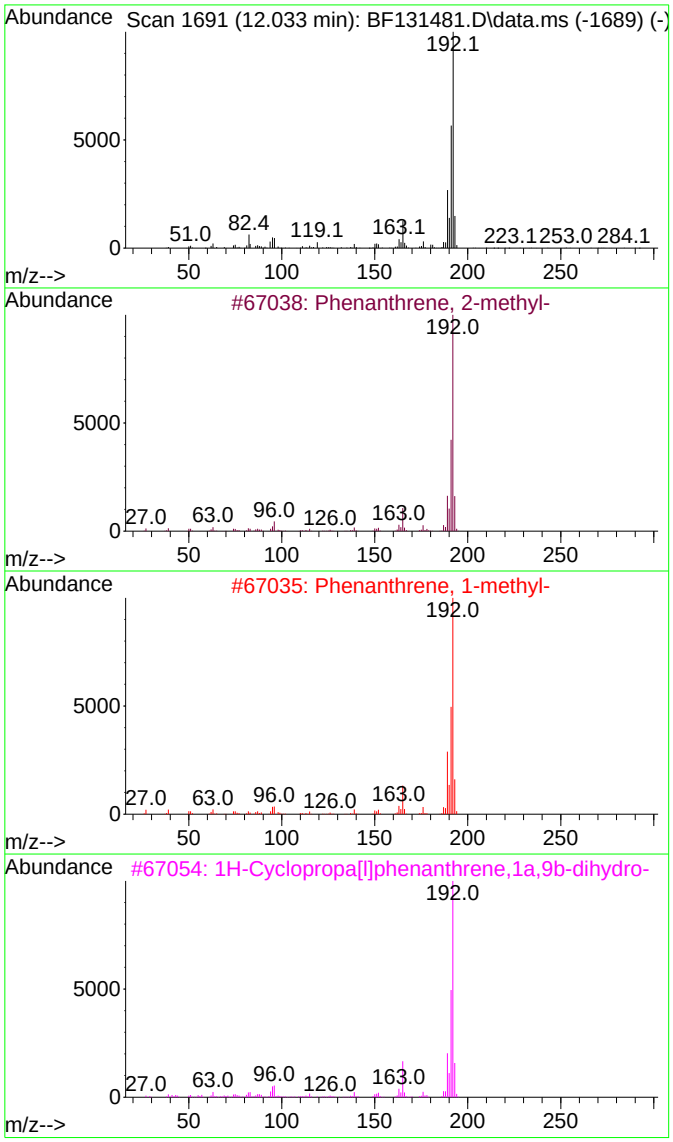
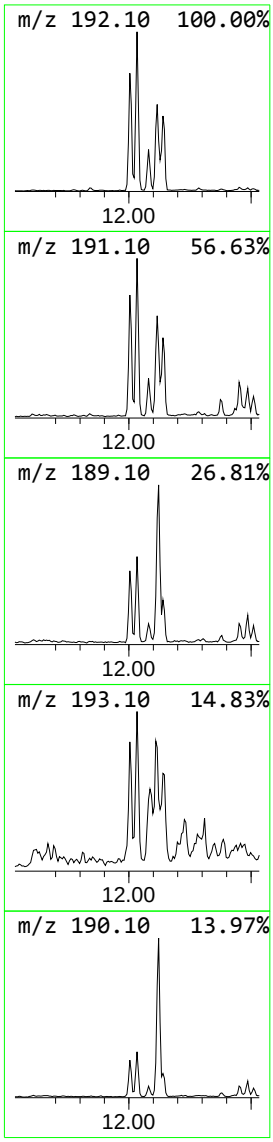
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	13.90 ng	569747	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Sample : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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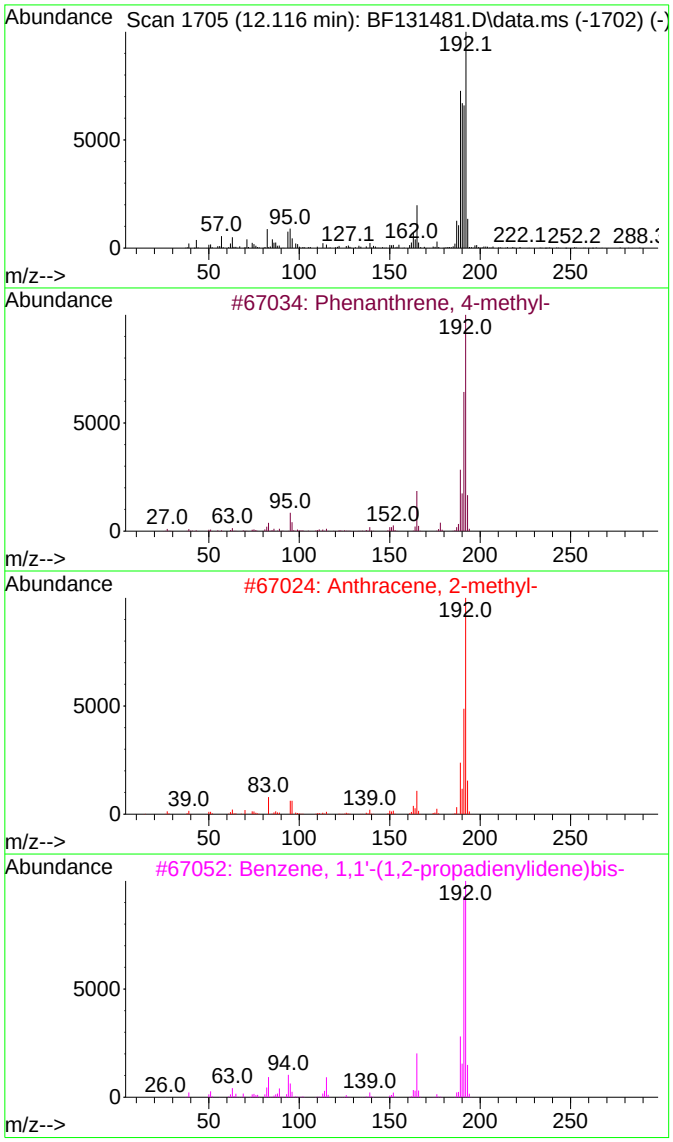
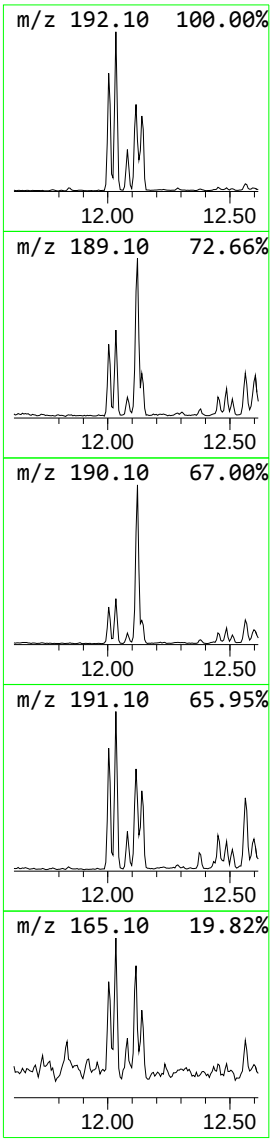
Peak Number 16 Phenanthrene, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	22.33 ng	915290	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	58
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	58
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	55





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Data File : BF131481.D
Acq On : 30 Nov 2022 20:33
Operator : CG\JU
Sample : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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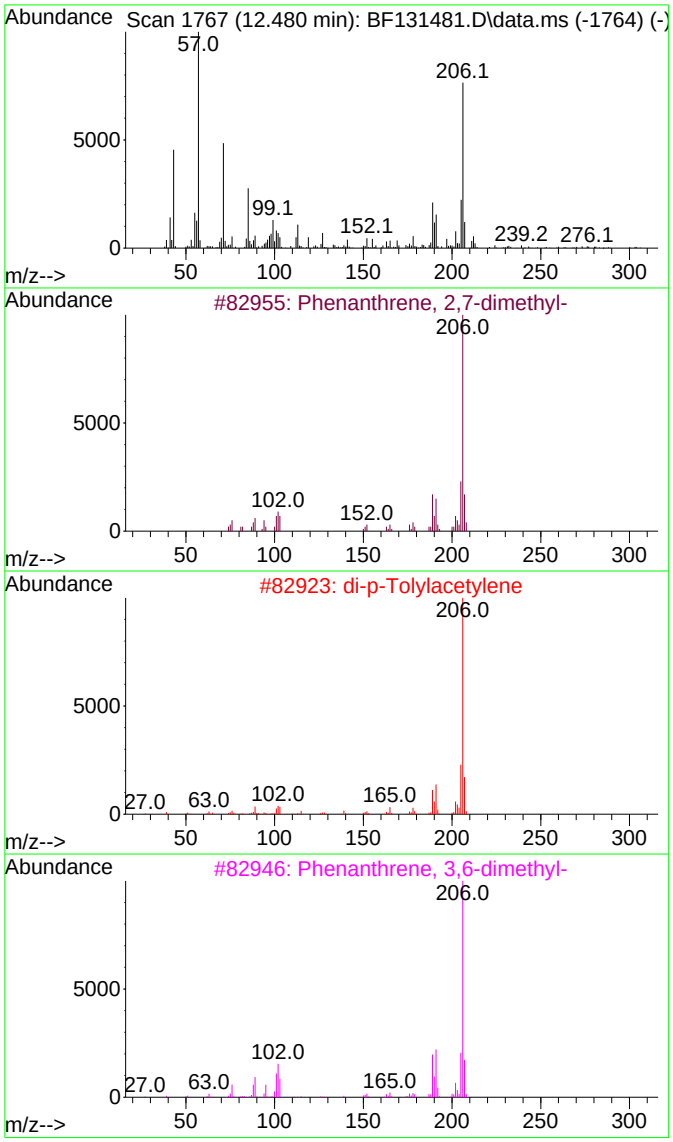
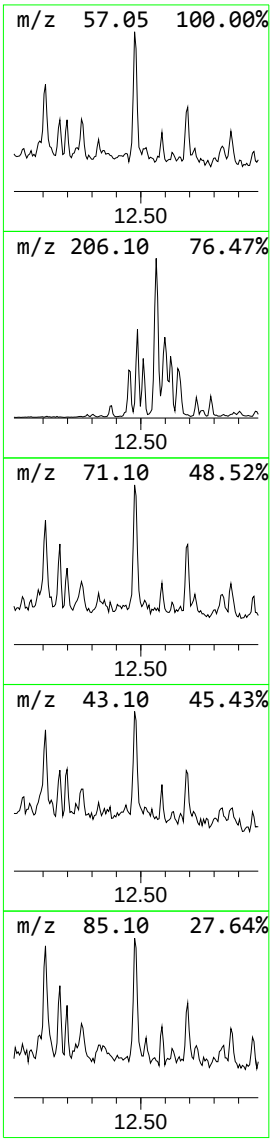
Peak Number 17 Phenanthrene, 2,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	7.94 ng	325298	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	60
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	55
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	52
5	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	49





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Data File : BF131481.D
Acq On : 30 Nov 2022 20:33
Operator : CG\JU
Sample : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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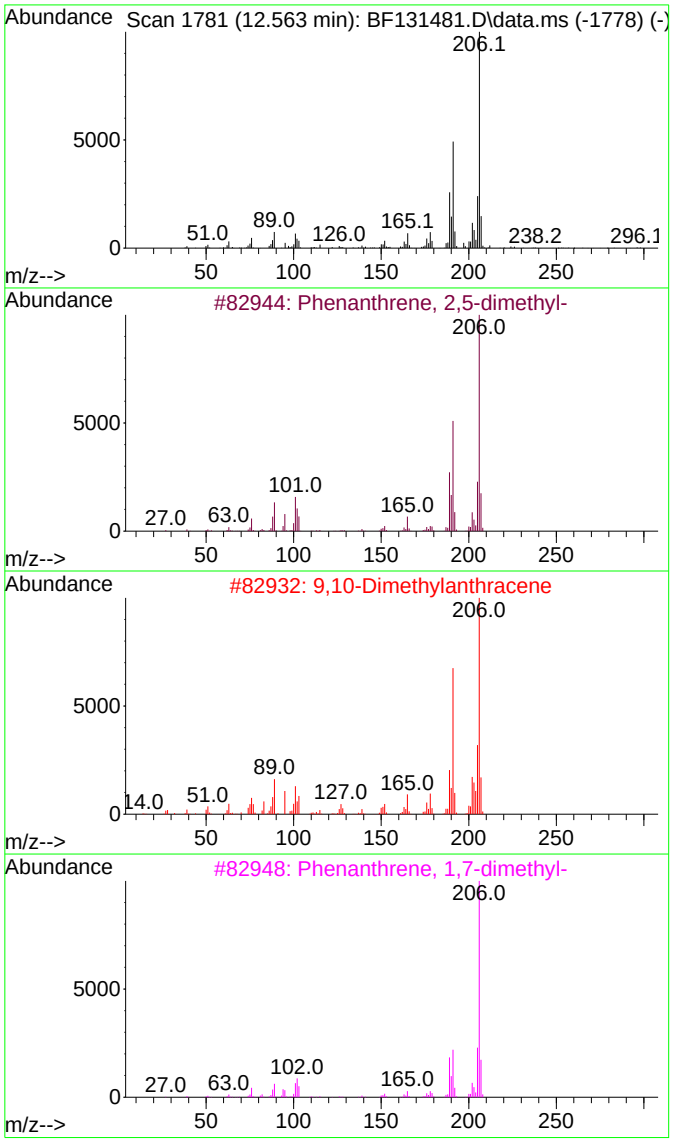
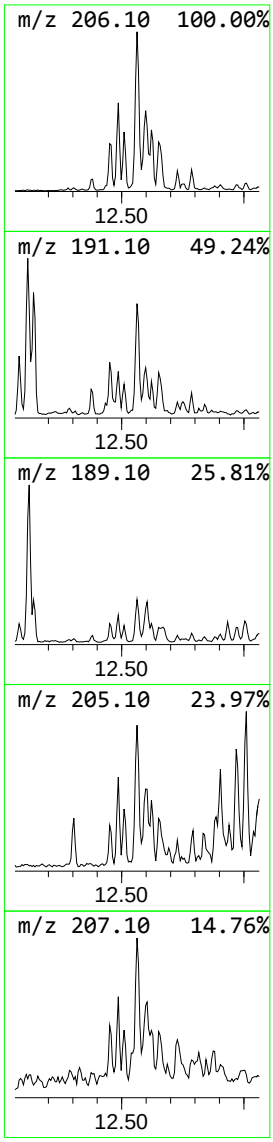
Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	9.76 ng	399870	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
Data File : BF131481.D
Acq On : 30 Nov 2022 20:33
Operator : CG\JU
Sample : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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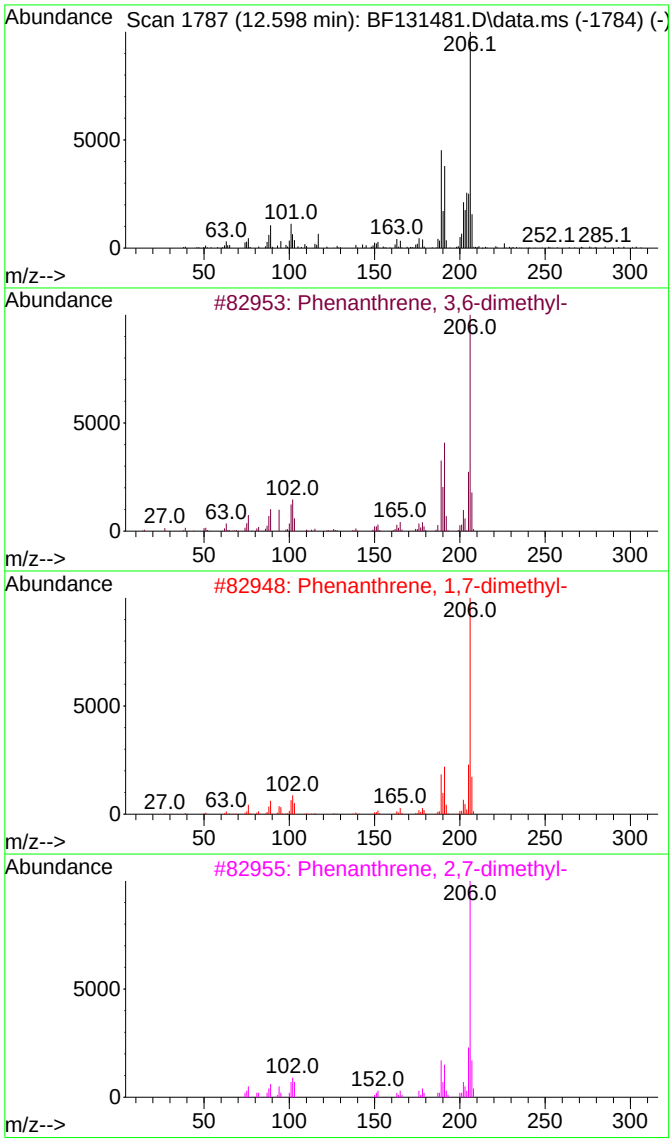
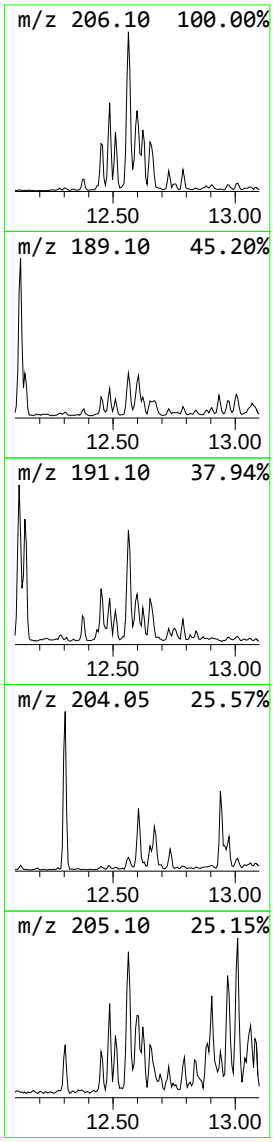
Peak Number 19 Phenanthrene, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.598	6.72 ng	275433	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	64
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	60
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	58
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
Data File : BF131481.D
Acq On : 30 Nov 2022 20:33
Operator : CG\JU
Sample : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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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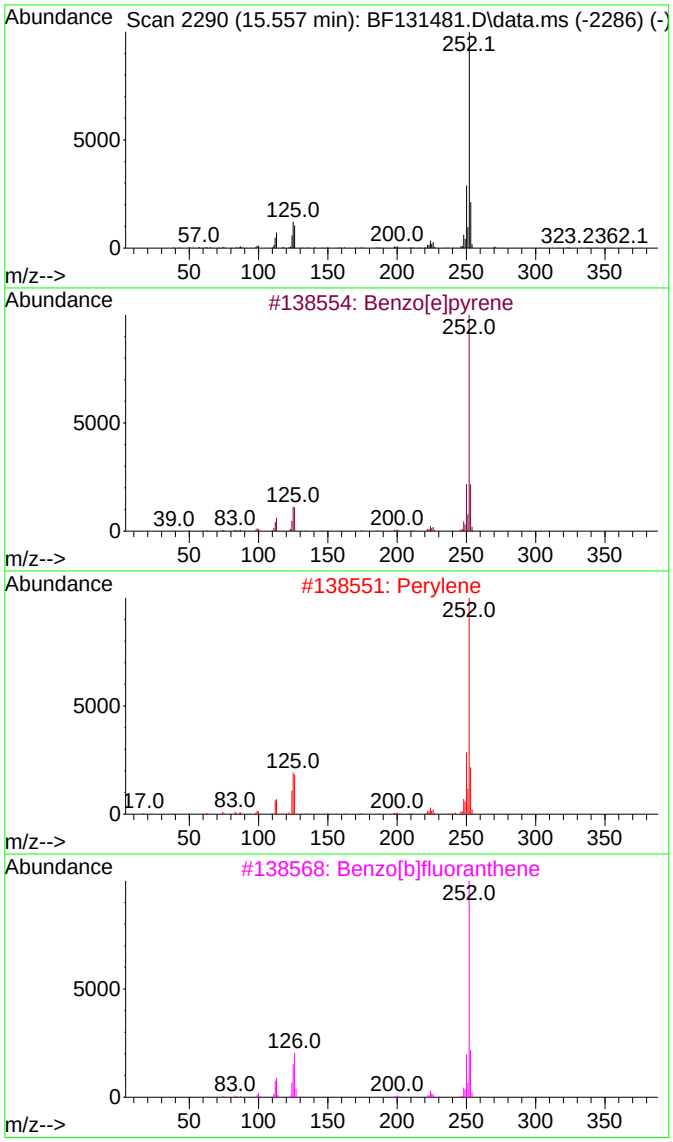
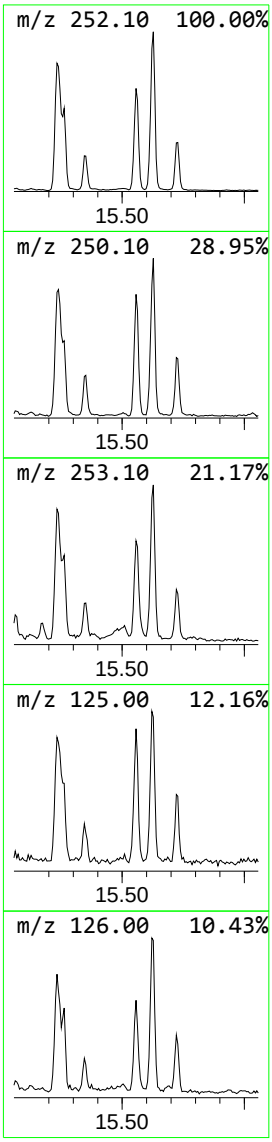
Peak Number 20 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.557	13.87 ng	451956	Perylene-d12	15.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
Data File : BF131481.D
Acq On : 30 Nov 2022 20:33
Operator : CG\JU
Sample : N5789-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.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...	2.252	19.0	ng	554974	1	6.945	583900	20.0
2-Pentanone, 4-...	5.175	46.0	ng	1344440	1	6.945	583900	20.0
Indane	7.128	16.6	ng	485146	1	6.945	583900	20.0
Benzene, 2-ethe...	7.969	12.3	ng	649812	2	8.239	1056170	20.0
Naphthalene, 2,...	9.586	13.1	ng	546945	3	10.004	835920	20.0
Naphthalene, 2,...	9.657	14.4	ng	603855	3	10.004	835920	20.0
Naphthalene, 1,...	9.775	6.7	ng	281601	3	10.004	835920	20.0
Naphthalene, 1,...	10.410	6.1	ng	255765	3	10.004	835920	20.0
Undecane, 2,5-d...	10.645	13.4	ng	561341	3	10.004	835920	20.0
Heptadecane, 2,...	10.916	34.1	ng	1398330	4	11.504	819770	20.0
9H-Fluorene, 2-...	11.098	8.4	ng	344761	4	11.504	819770	20.0
9H-Fluorene, 1-...	11.128	8.8	ng	360290	4	11.504	819770	20.0
Tridecane	11.386	28.5	ng	1169170	4	11.504	819770	20.0
Phenanthrene, 1...	12.004	14.0	ng	572268	4	11.504	819770	20.0
Phenanthrene, 2...	12.033	13.9	ng	569747	4	11.504	819770	20.0
Phenanthrene, 4...	12.116	22.3	ng	915290	4	11.504	819770	20.0
Phenanthrene, 2...	12.480	7.9	ng	325298	4	11.504	819770	20.0
Phenanthrene, 2...	12.563	9.8	ng	399870	4	11.504	819770	20.0
Phenanthrene, 3...	12.598	6.7	ng	275433	4	11.504	819770	20.0
Benzo[e]pyrene	15.557	13.9	ng	451956	6	15.692	651744	20.0