LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
Data File : BF127968.D
Acq On : 28 Apr 2022 02:07
Operator : CG\JU
Sample : N2564-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PSC-164718

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-BF042222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127968.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.493	202	205	216	rBV	30596	61245	2.09%	0.148%
2	5.551	550	555	558	rBV	2537858	2387084	81.39%	5.778%
3	6.551	720	725	728	rBV	2265813	2359039	80.43%	5.710%
4	6.928	786	789	793	rVB	690745	558801	19.05%	1.353%
5	7.492	881	885	888	rBV	1735912	1557940	53.12%	3.771%
6	8.210	1004	1007	1010	rVV	665611	631758	21.54%	1.529%
7	8.233	1010	1011	1013	rVV	105287	64854	2.21%	0.157%
8	8.792	1104	1106	1110	rBV	78062	57408	1.96%	0.139%
9	8.928	1126	1129	1132	rVB	116017	102514	3.50%	0.248%
10	9.028	1141	1146	1149	rBV	171564	166503	5.68%	0.403%
11	9.286	1186	1190	1193	rBV	2808927	2260213	77.06%	5.471%
12	9.357	1199	1202	1205	rBV	124559	106619	3.64%	0.258%
13	9.551	1231	1235	1239	rBV2	97873	136356	4.65%	0.330%
14	9.627	1244	1248	1250	rBV	153574	159365	5.43%	0.386%
15	9.651	1250	1252	1254	rVV	87996	66747	2.28%	0.162%
16	9.675	1254	1256	1264	rVB4	93962	139669	4.76%	0.338%
17	9.745	1264	1268	1270	rBV2	92334	100418	3.42%	0.243%
18	9.833	1279	1283	1286	rBV2	139957	136133	4.64%	0.330%
19	9.886	1288	1292	1296	rVB	109945	104244	3.55%	0.252%
20	9.969	1303	1306	1309	rVB	664856	541652	18.47%	1.311%
21	10.004	1309	1312	1315	rBV	253369	199244	6.79%	0.482%
22	10.069	1320	1323	1328	rBV2	54372	77596	2.65%	0.188%
23	10.127	1328	1333	1335	rBV5	36539	59052	2.01%	0.143%
24	10.175	1337	1341	1344	rVB2	157428	167590	5.71%	0.406%
25	10.210	1344	1347	1351	rBV2	107311	91240	3.11%	0.221%
26	10.286	1356	1360	1362	rBV	110691	127260	4.34%	0.308%
27	10.392	1371	1378	1381	rBV2	150210	196128	6.69%	0.475%
28	10.516	1393	1399	1406	rBV	301692	350103	11.94%	0.847%
29	10.586	1406	1411	1412	rVV2	59811	75008	2.56%	0.182%
30	10.604	1412	1414	1417	rVV2	109515	119500	4.07%	0.289%
31	10.674	1421	1426	1430	rVB3	61885	88278	3.01%	0.214%
32	10.763	1437	1441	1444	rBV	1364496	1259473	42.94%	3.049%
33	10.863	1455	1458	1459	rBV	142800	120054	4.09%	0.291%
34	11.069	1488	1493	1495	rBV3	103326	130099	4.44%	0.315%
35	11.092	1495	1497	1500	rVB3	71786	64463	2.20%	0.156%
36	11.151	1505	1507	1510	rVB	78937	58436	1.99%	0.141%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
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Sample : N2564-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC-164718

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-BF042222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.192	1510	1514	1516	rBV3	48826	71111	2.42%	0.172%
38	11.216	1516	1518	1523	rVV2	48578	59894	2.04%	0.145%
39	11.316	1531	1535	1537	rVV2	136961	141398	4.82%	0.342%
40	11.345	1537	1540	1541	rVV	89367	97720	3.33%	0.237%
41	11.357	1541	1542	1546	rVB	139837	108215	3.69%	0.262%
42	11.463	1557	1560	1562	rBV	693849	611226	20.84%	1.480%
43	11.486	1562	1564	1568	rVV	1707001	1474602	50.28%	3.570%
44	11.539	1570	1573	1576	rVV	533360	445767	15.20%	1.079%
45	11.569	1576	1578	1581	rVV	90372	111908	3.82%	0.271%
46	11.621	1584	1587	1592	rVV4	37363	68277	2.33%	0.165%
47	11.692	1596	1599	1605	rVV	188841	198896	6.78%	0.481%
48	11.739	1605	1607	1609	rVV	118135	100127	3.41%	0.242%
49	11.792	1613	1616	1620	rVB	95690	102290	3.49%	0.248%
50	11.874	1627	1630	1633	rBV	53384	62551	2.13%	0.151%
51	11.963	1642	1645	1648	rBV	292340	351276	11.98%	0.850%
52	11.992	1648	1650	1654	rVB	414891	345700	11.79%	0.837%
53	12.039	1655	1658	1661	rBV	154202	145724	4.97%	0.353%
54	12.080	1661	1665	1667	rVV2	573772	618793	21.10%	1.498%
55	12.098	1667	1668	1672	rVB	234296	158728	5.41%	0.384%
56	12.151	1674	1677	1679	rBV	125769	112335	3.83%	0.272%
57	12.263	1693	1696	1698	rBV	170302	156074	5.32%	0.378%
58	12.286	1698	1700	1703	rVB2	95068	88356	3.01%	0.214%
59	12.439	1723	1726	1728	rVV2	108057	90938	3.10%	0.220%
60	12.463	1728	1730	1733	rVB2	84976	72439	2.47%	0.175%
61	12.516	1736	1739	1741	rBV	263491	257182	8.77%	0.623%
62	12.539	1741	1743	1748	rVV3	140700	233569	7.96%	0.565%
63	12.604	1751	1754	1758	rBV2	127978	174254	5.94%	0.422%
64	12.686	1763	1768	1771	rBV	2832954	2544460	86.76%	6.159%
65	12.721	1771	1774	1776	rVV2	76633	72585	2.47%	0.176%
66	12.833	1790	1793	1795	rBV	133507	112961	3.85%	0.273%
67	12.916	1800	1807	1812	rBV	2586202	2932919	100.00%	7.100%
68	12.963	1812	1815	1818	rVB2	148990	175371	5.98%	0.425%
69	13.027	1823	1826	1827	rBV	151586	158820	5.42%	0.384%
70	13.051	1827	1830	1833	rVV	2616746	2217637	75.61%	5.368%
71	13.127	1838	1843	1847	rBV2	200805	363148	12.38%	0.879%
72	13.215	1854	1858	1859	rBV3	154853	189201	6.45%	0.458%
73	13.239	1859	1862	1865	rVB	514488	468675	15.98%	1.135%
74	13.268	1865	1867	1870	rBV	108182	106454	3.63%	0.258%
75	13.304	1870	1873	1876	rVV	482805	387110	13.20%	0.937%
76	13.339	1876	1879	1882	rVV2	266260	305281	10.41%	0.739%

LSC Area Percent Report

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Data File : BF127968.D
Acq On : 28 Apr 2022 02:07
Operator : CG\JU
Sample : N2564-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC-164718

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-BF042222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.368	1882	1884	1887	rVB2	70047	60217	2.05%	0.146%
78	13.433	1893	1895	1898	rVB	185655	148825	5.07%	0.360%
79	13.468	1898	1901	1903	rBV	182493	188856	6.44%	0.457%
80	13.610	1923	1925	1928	rBV2	104454	119354	4.07%	0.289%
81	13.745	1946	1948	1952	rVB	130124	142083	4.84%	0.344%
82	13.857	1965	1967	1970	rVB	185769	165231	5.63%	0.400%
83	13.886	1970	1972	1974	rBV	196070	145148	4.95%	0.351%
84	13.910	1974	1976	1980	rBV2	185497	240658	8.21%	0.583%
85	14.104	2005	2009	2013	rBV3	1433800	2014514	68.69%	4.876%
86	14.139	2013	2015	2020	rVB	1302728	1103530	37.63%	2.671%
87	14.215	2026	2028	2031	rBV	263756	207098	7.06%	0.501%
88	14.257	2032	2035	2039	rBV2	169653	186456	6.36%	0.451%
89	14.498	2073	2076	2079	rVB	241434	234889	8.01%	0.569%
90	14.562	2085	2087	2090	rBV2	131774	145388	4.96%	0.352%
91	14.621	2095	2097	2099	rVV	176320	153002	5.22%	0.370%
92	14.645	2099	2101	2105	rVB2	141701	133753	4.56%	0.324%
93	15.180	2187	2192	2195	rBV	753218	1277688	43.56%	3.093%
94	15.233	2199	2201	2207	rVB3	145507	189152	6.45%	0.458%
95	15.286	2208	2210	2214	rVB	147815	138886	4.74%	0.336%
96	15.492	2242	2245	2251	rVB	436317	594765	20.28%	1.440%
97	15.562	2253	2257	2263	rVB	689669	879878	30.00%	2.130%
98	15.627	2264	2268	2271	rBV	357226	490926	16.74%	1.188%
99	17.168	2525	2530	2540	rVB2	276753	544290	18.56%	1.318%
100	17.633	2604	2609	2617	rVB	207045	430072	14.66%	1.041%

Sum of corrected areas: 41310717

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
Data File : BF127968.D
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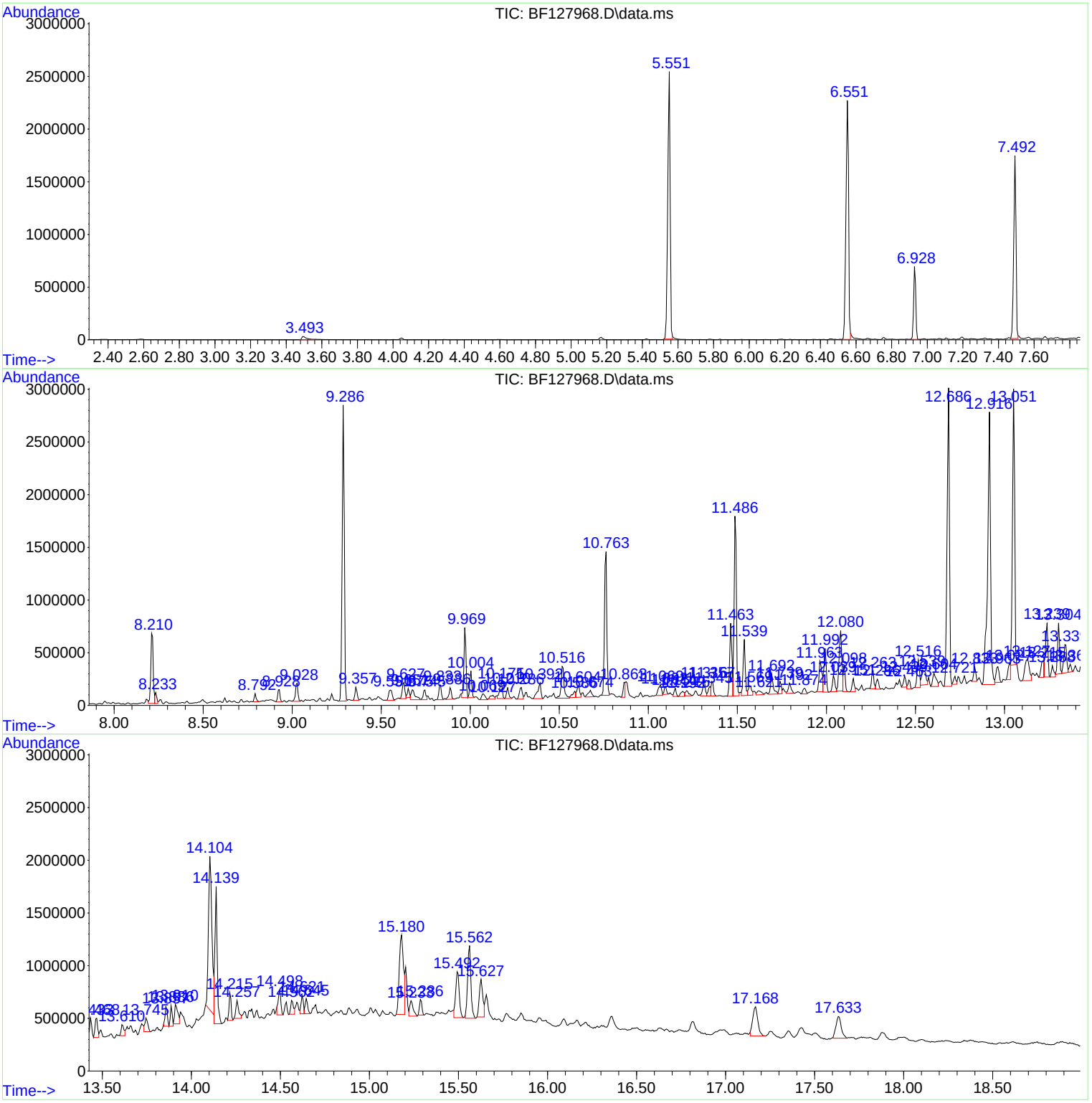
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC-164718

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.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\BF042722\
Data File : BF127968.D
Acq On : 28 Apr 2022 02:07
Operator : CG\JU
Sample : N2564-01
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

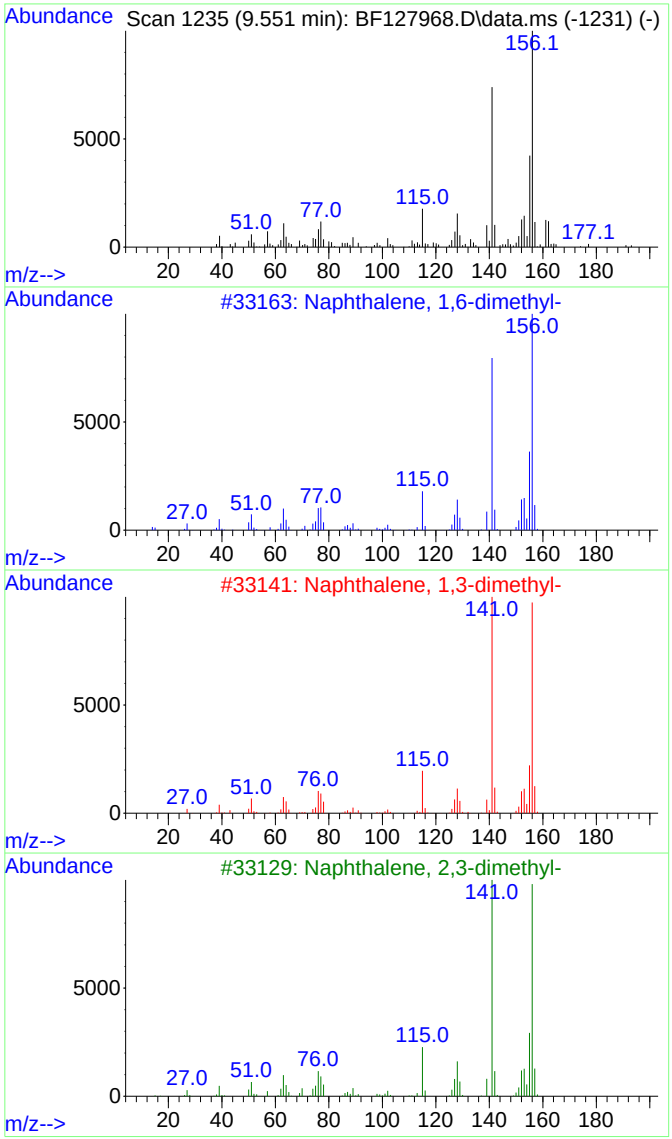
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

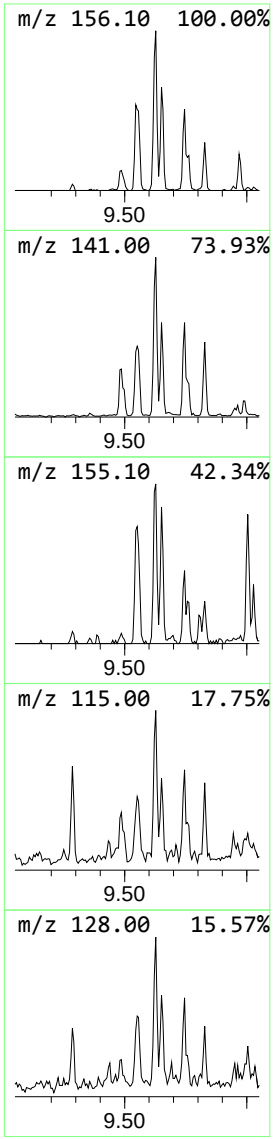
****

Peak Number 1 Naphthalene, 1,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	5.03 ng	136356	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
Data File : BF127968.D
Acq On : 28 Apr 2022 02:07
Operator : CG\JU
Sample : N2564-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC-164718

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

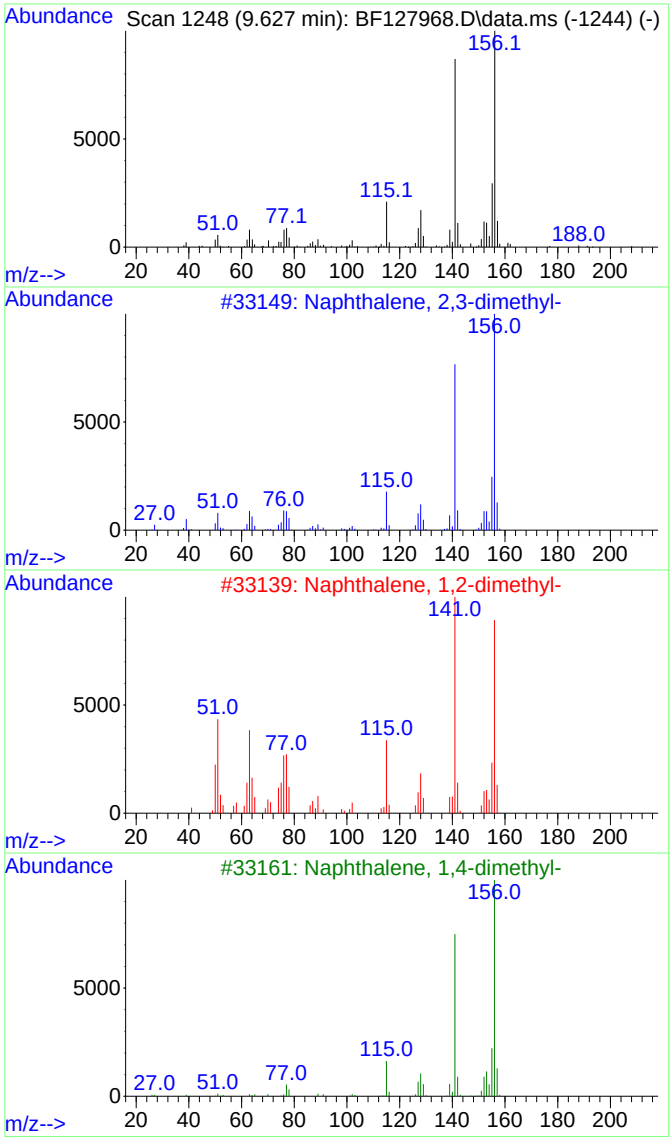
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

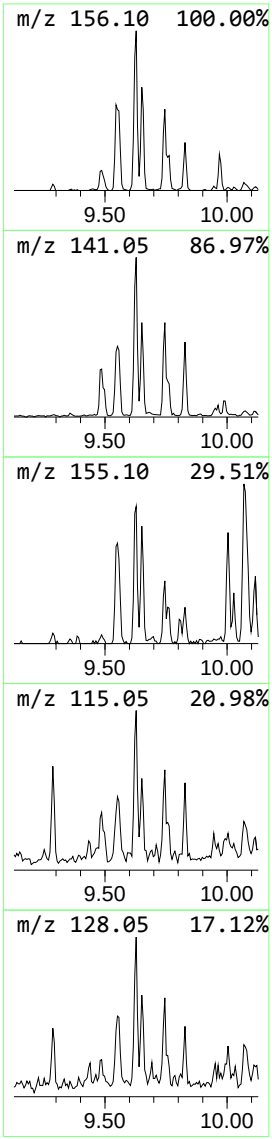
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.627	5.88 ng	159365	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
Data File : BF127968.D
Acq On : 28 Apr 2022 02:07
Operator : CG\JU
Sample : N2564-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC-164718

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.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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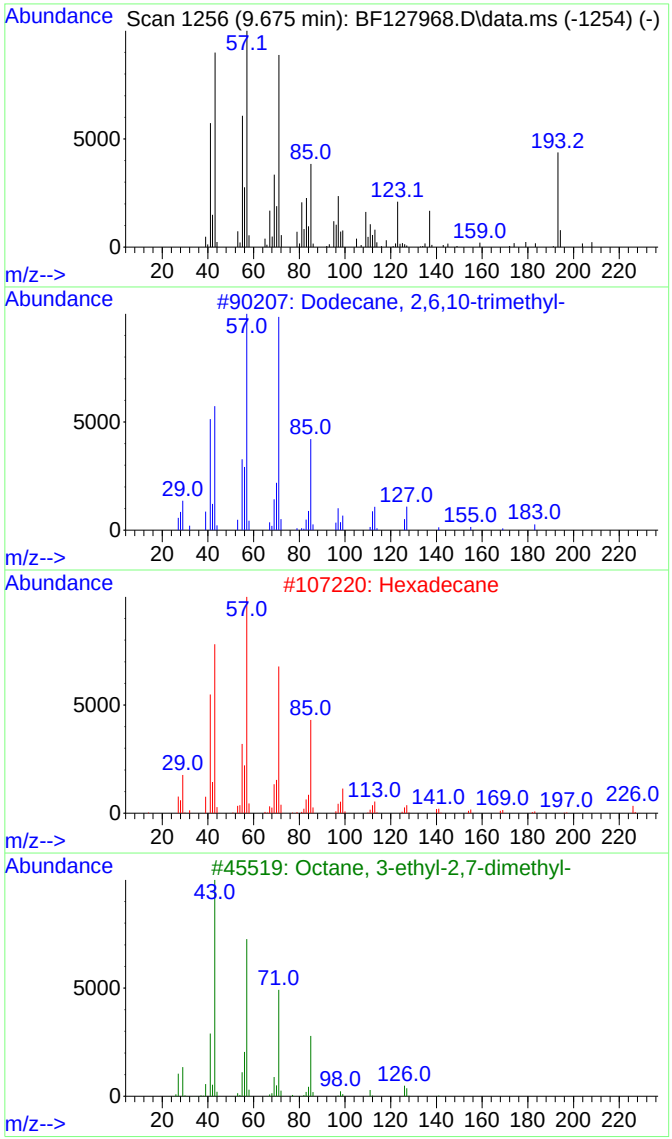
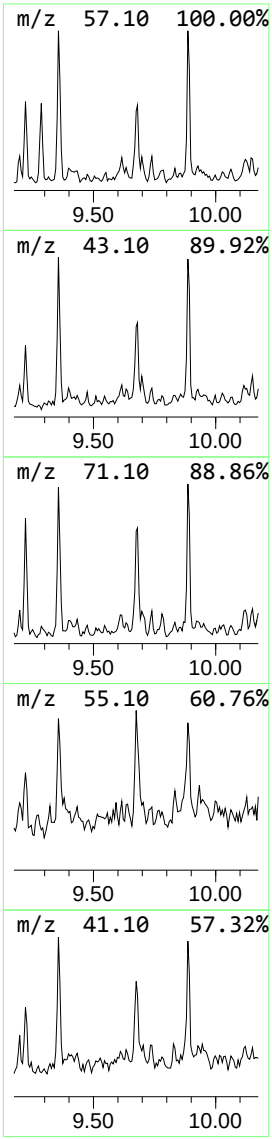
Peak Number 3 unknown9.675 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.675	5.16 ng	139669	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	43
2	Hexadecane	226	C16H34	000544-76-3	43
3	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	38
4	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	38
5	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
Data File : BF127968.D
Acq On : 28 Apr 2022 02:07
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Sample : N2564-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC-164718

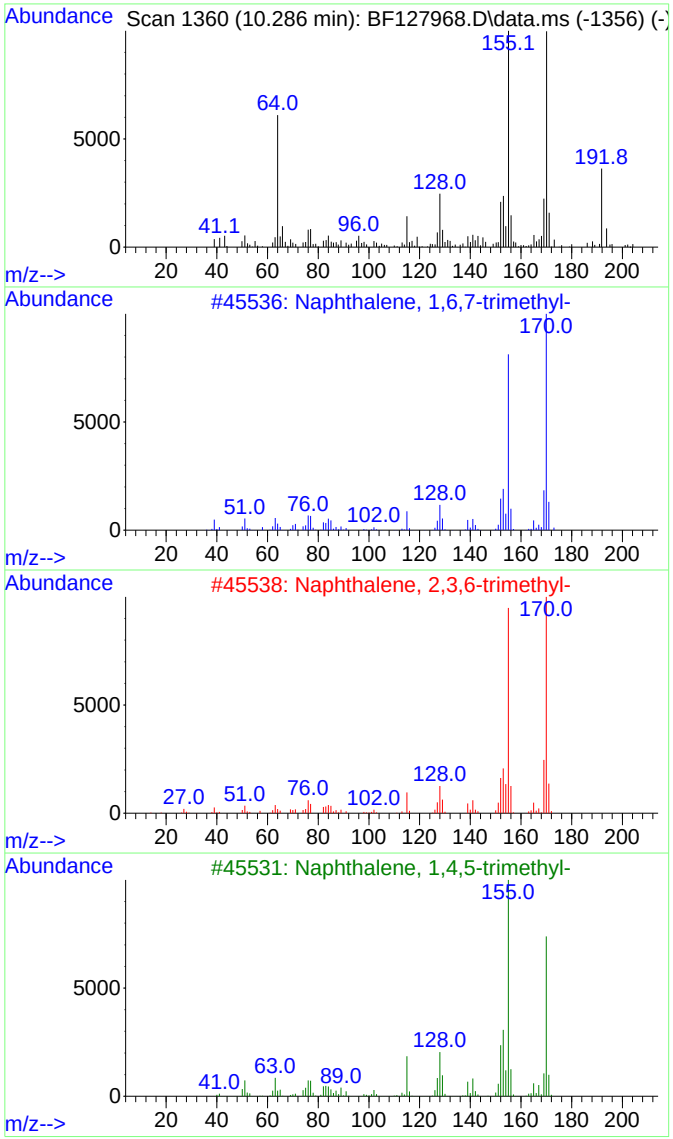
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

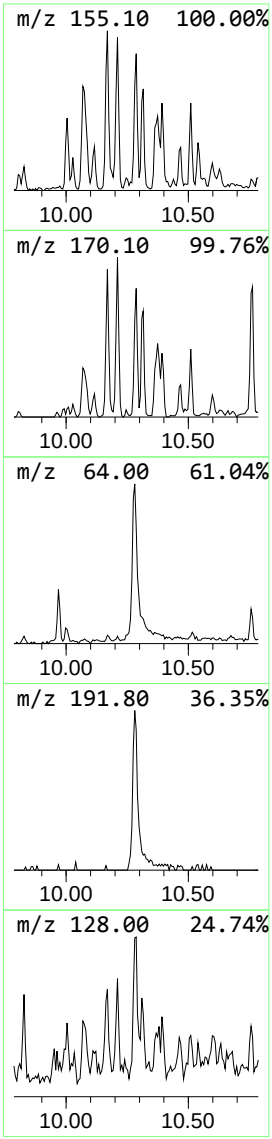
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.286	4.70 ng	127260	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	60
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	55
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
Data File : BF127968.D
Acq On : 28 Apr 2022 02:07
Operator : CG\JU
Sample : N2564-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC-164718

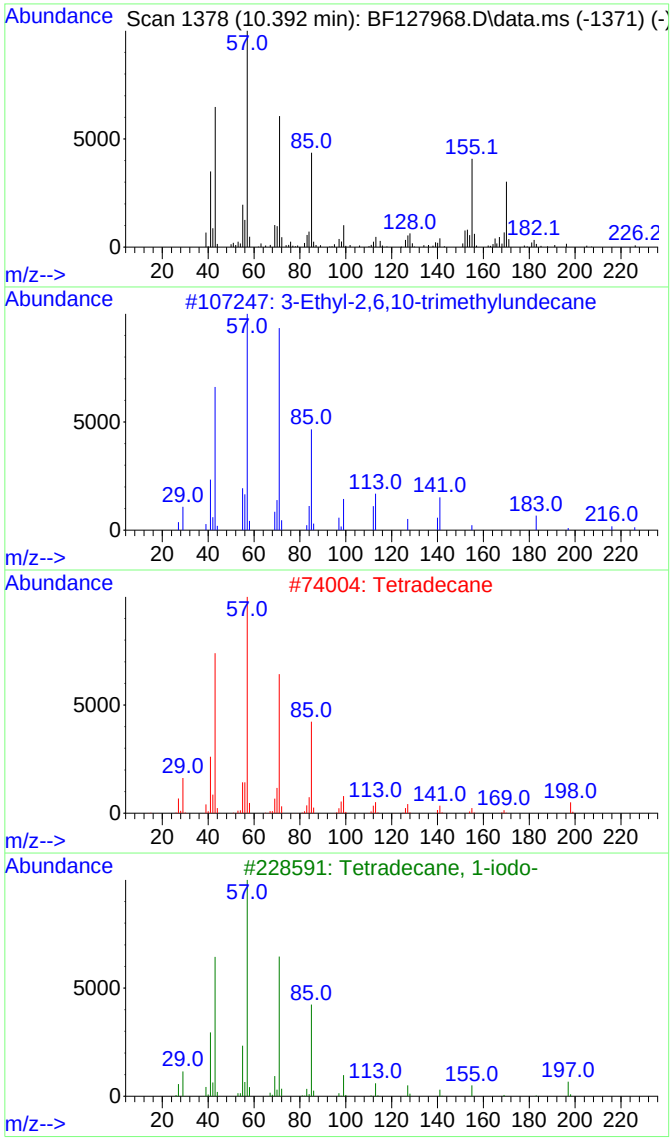
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

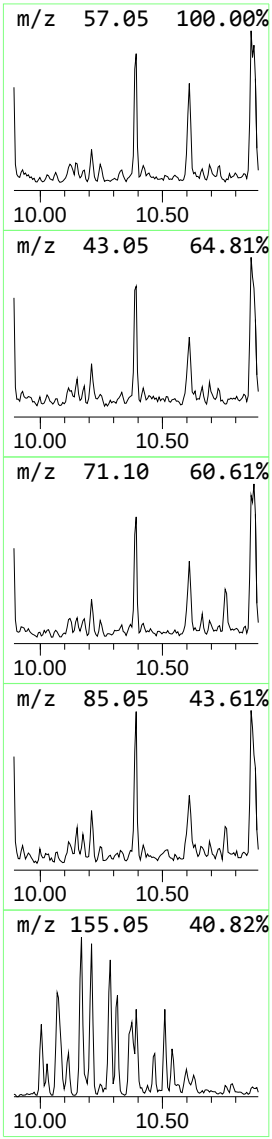
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3-Ethyl-2,6,10-trimethylund... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.392	7.24 ng	196128	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	55
2	Tetradecane	198	C14H30	000629-59-4	49
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	49
4	Hexadecane	226	C16H34	000544-76-3	49
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	49





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Sample : N2564-01
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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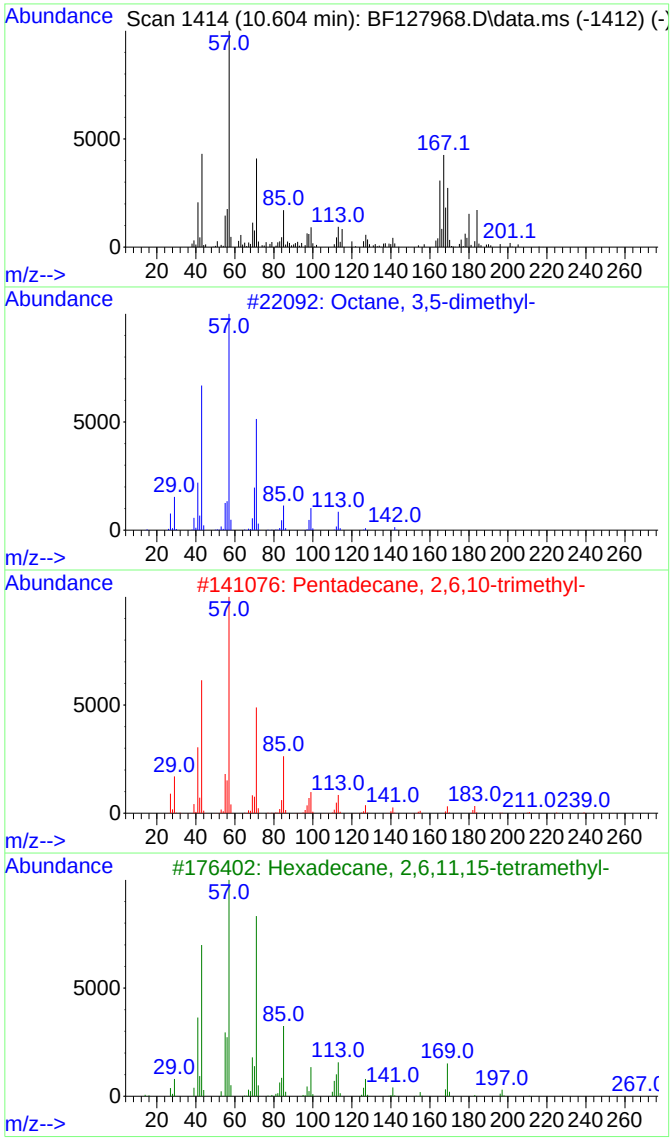
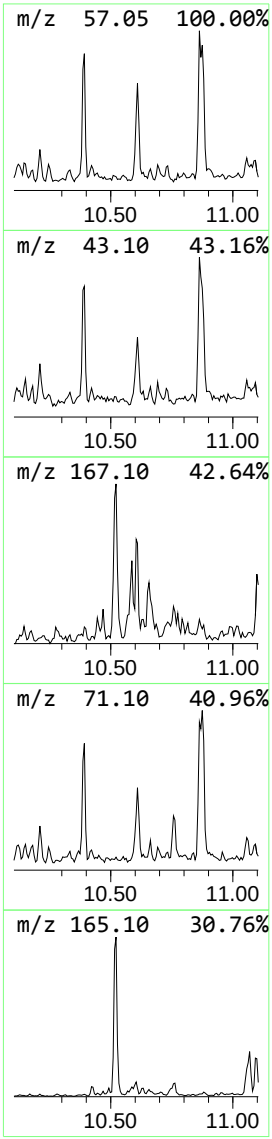
Peak Number 6 unknown10.604 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.604	4.41 ng	119500	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	30
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	27
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	27
4	Heptadecane	240	C17H36	000629-78-7	25
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	25





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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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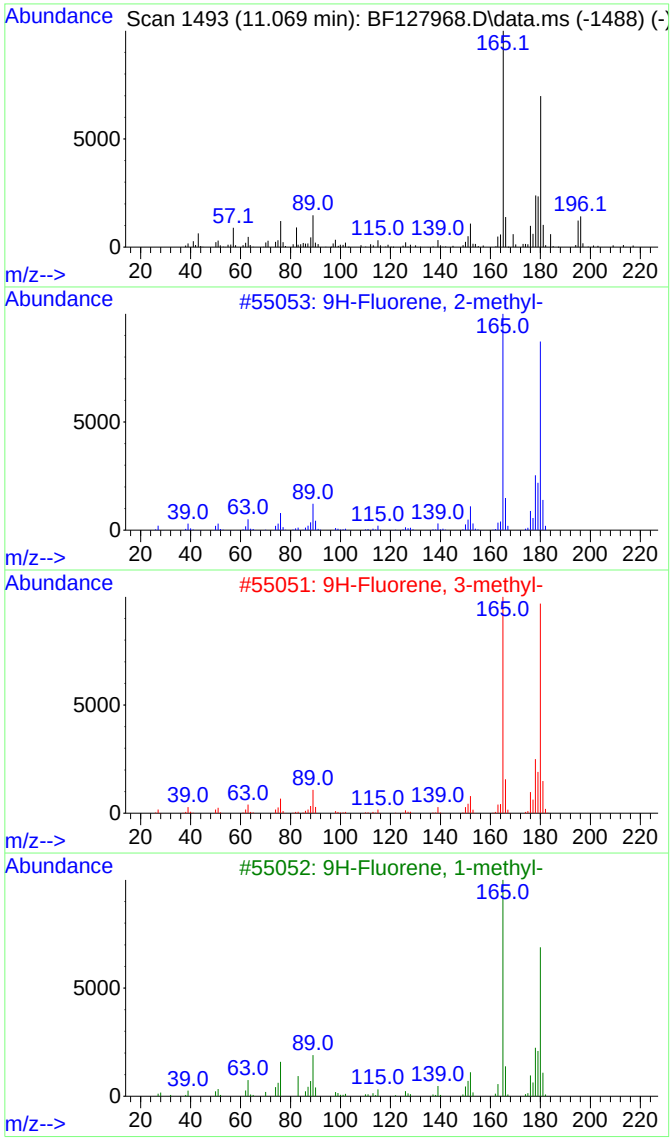
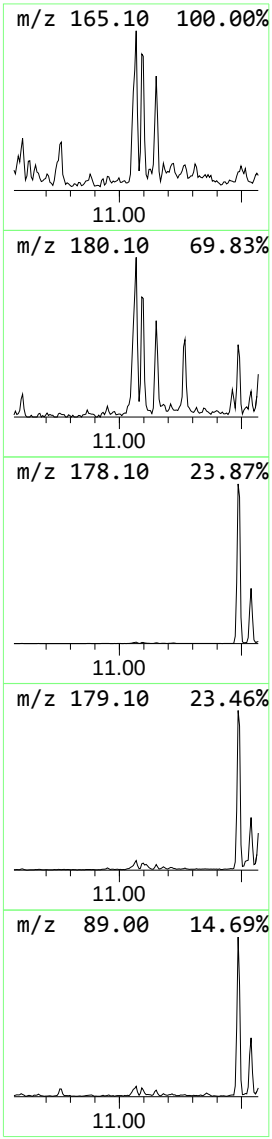
Peak Number 7 9H-Fluorene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.069	4.26 ng	130099	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	92
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
5	Ethylene, 1,1-diphenyl-	180	C14H12	000530-48-3	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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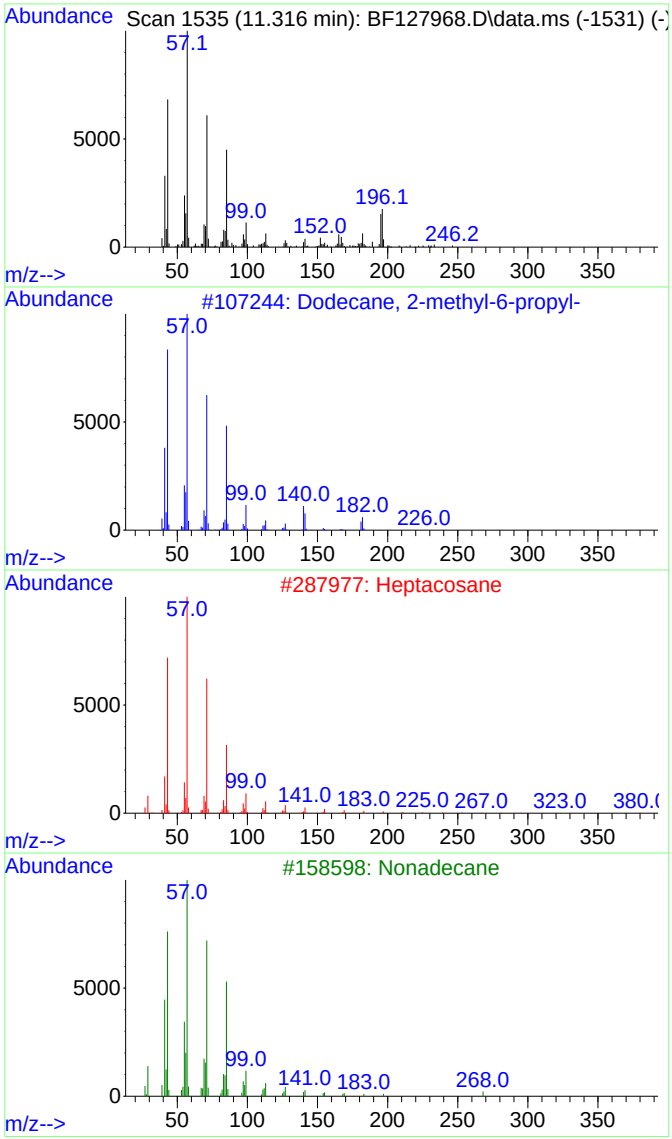
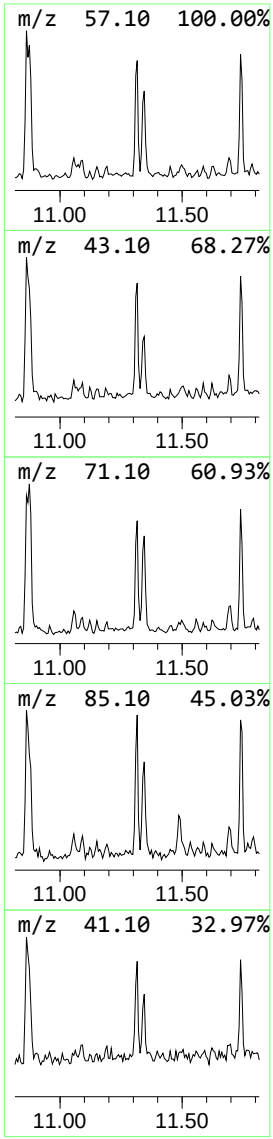
Peak Number 8 Dodecane, 2-methyl-6-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.316	4.63 ng	141398	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
2	Heptacosane	380	C27H56	000593-49-7	68
3	Nonadecane	268	C19H40	000629-92-5	64
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	64





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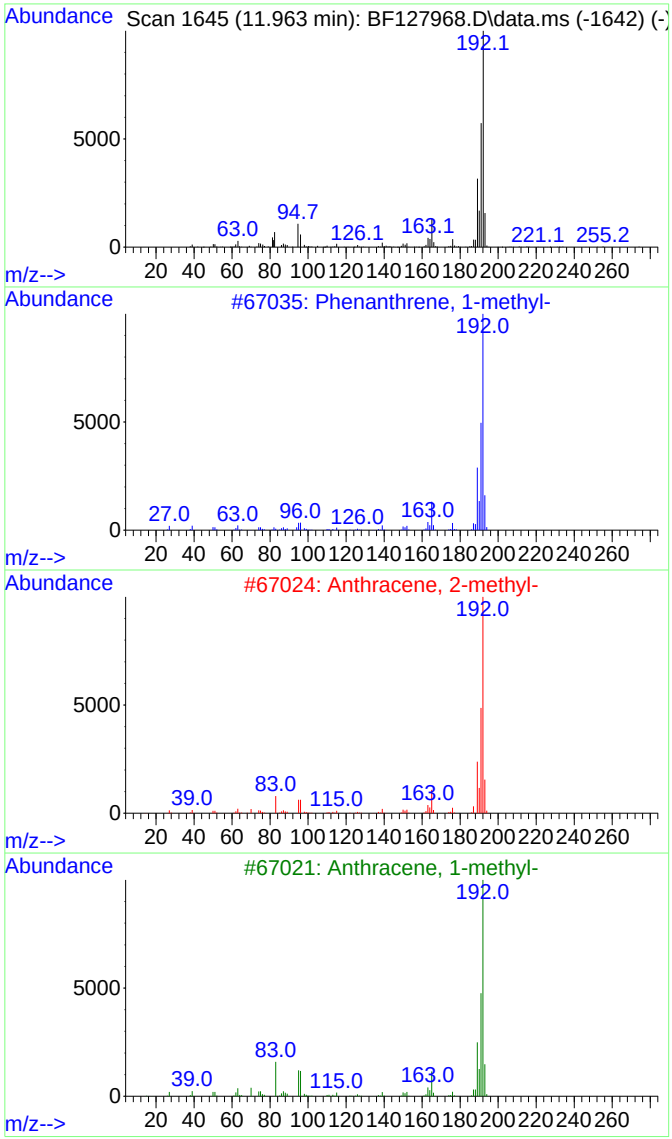
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

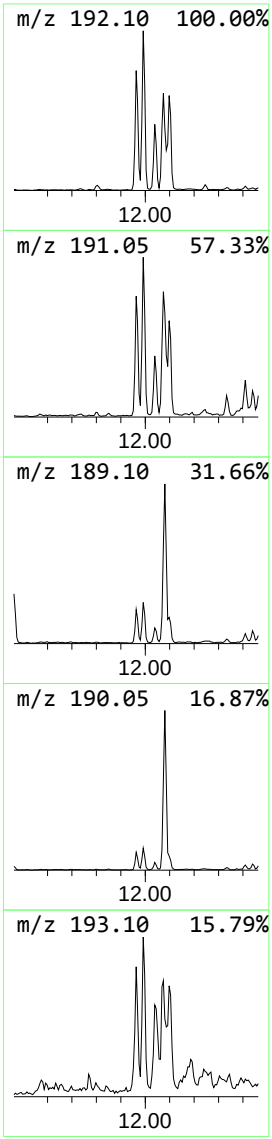
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	11.49 ng	351276	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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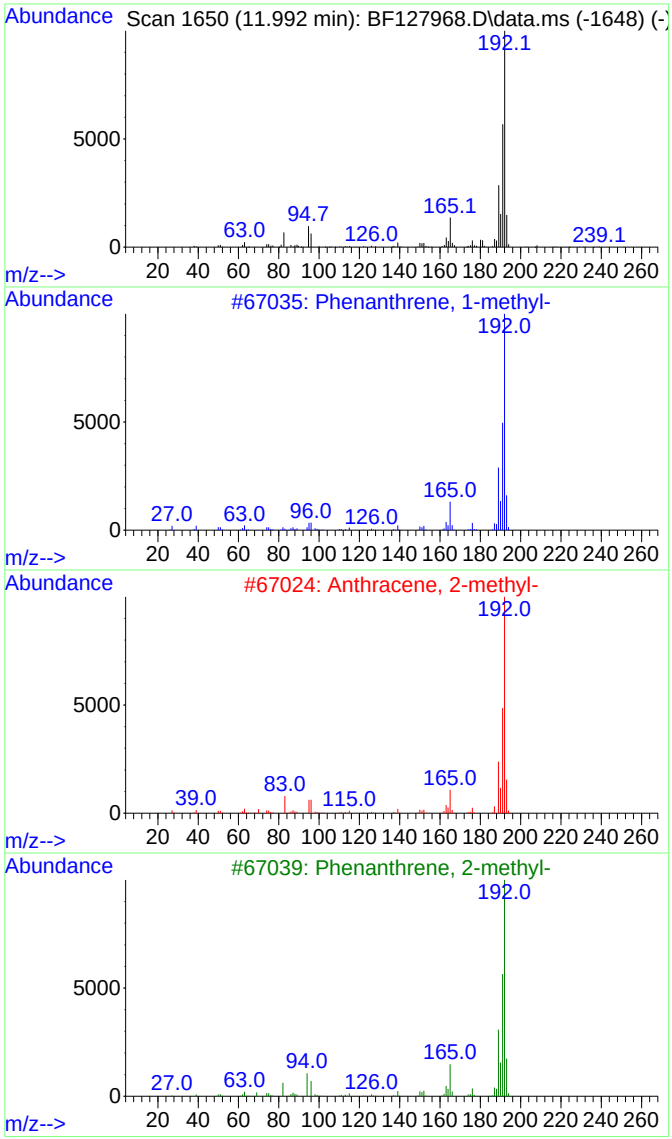
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

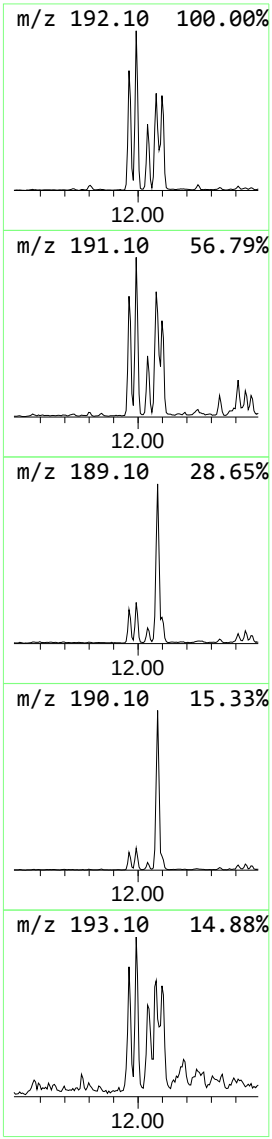
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	11.31 ng	345700	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	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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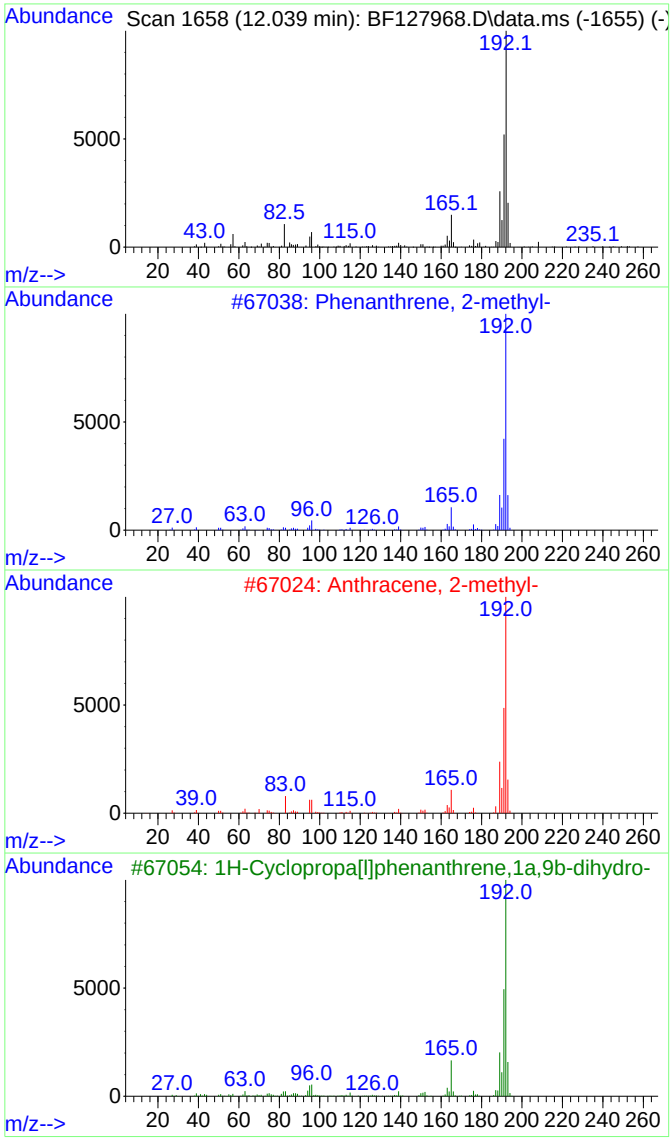
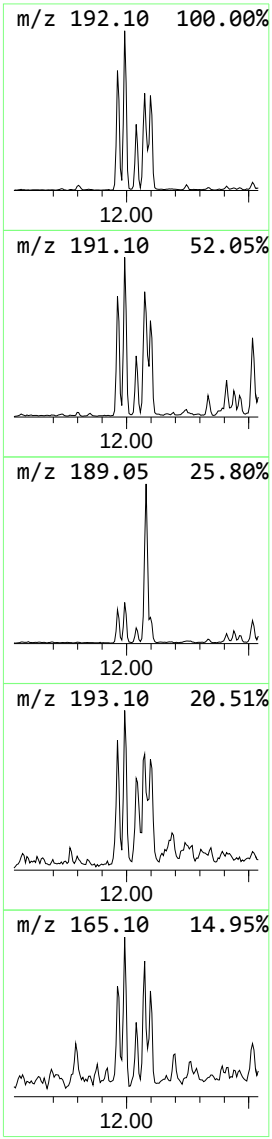
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	4.77 ng	145724	Phenanthrene-d10	11.463

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	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





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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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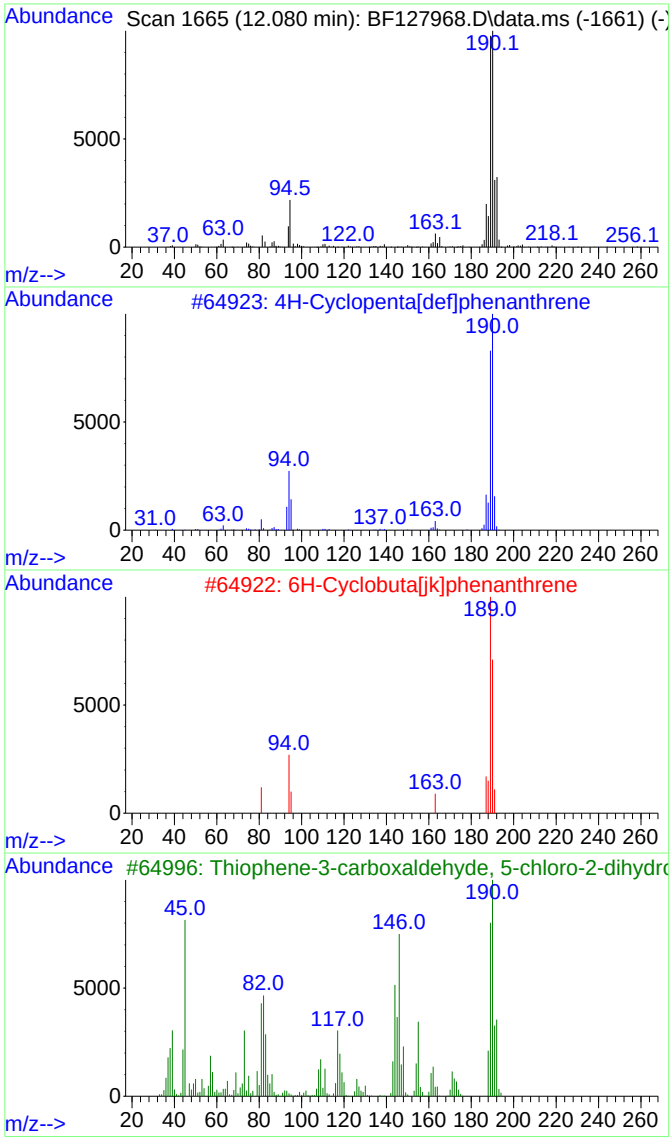
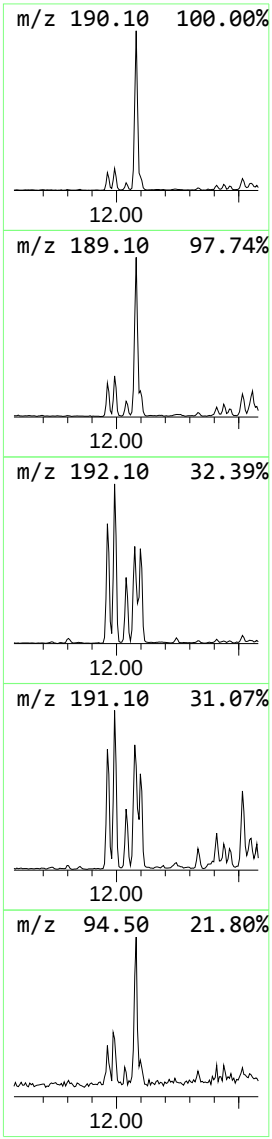
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	20.25 ng	618793	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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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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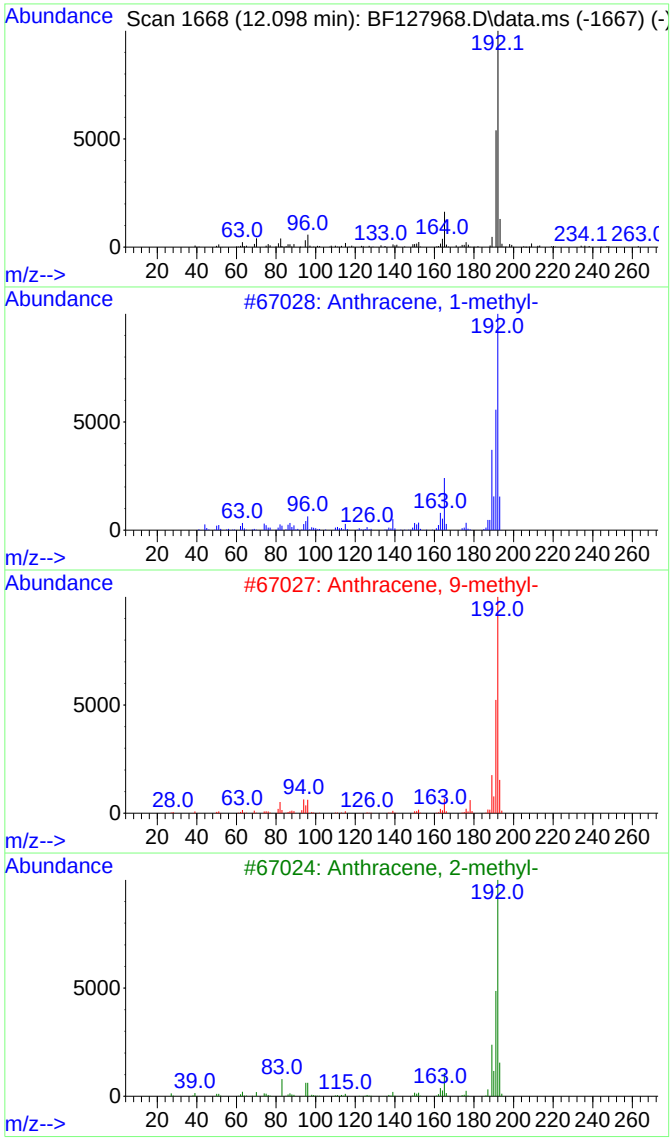
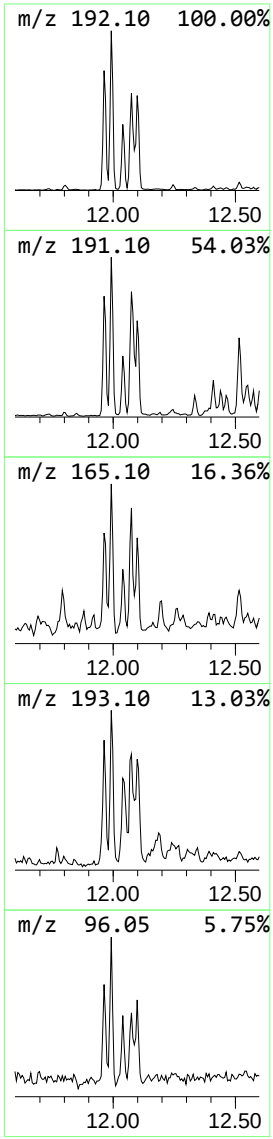
Peak Number 13 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.098	5.19 ng	158728	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	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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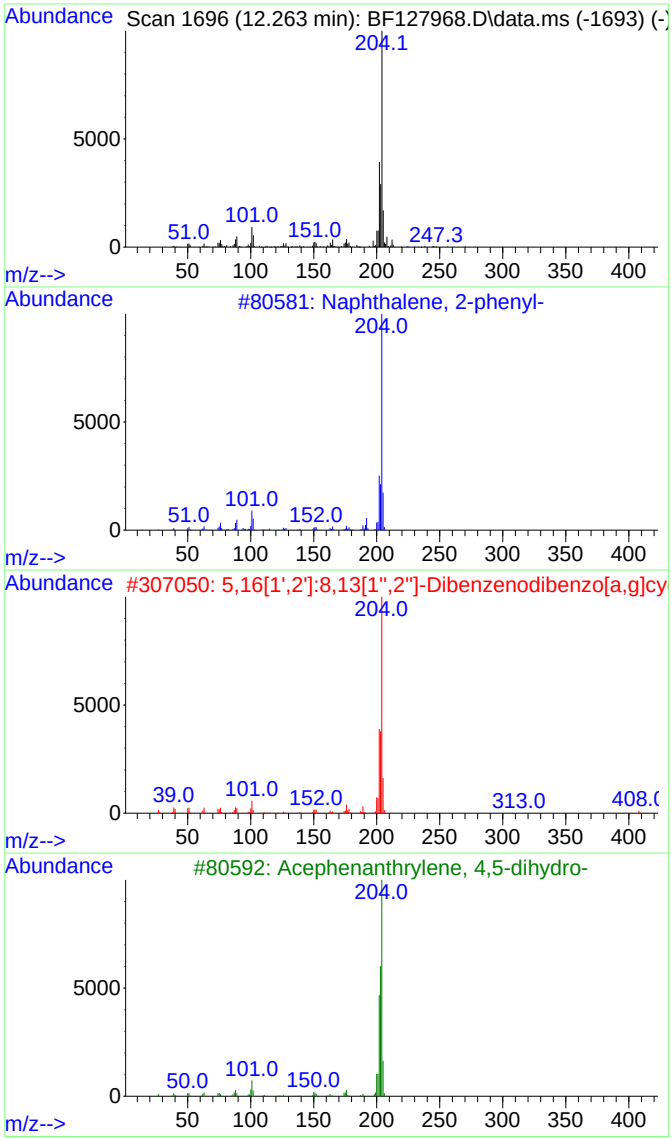
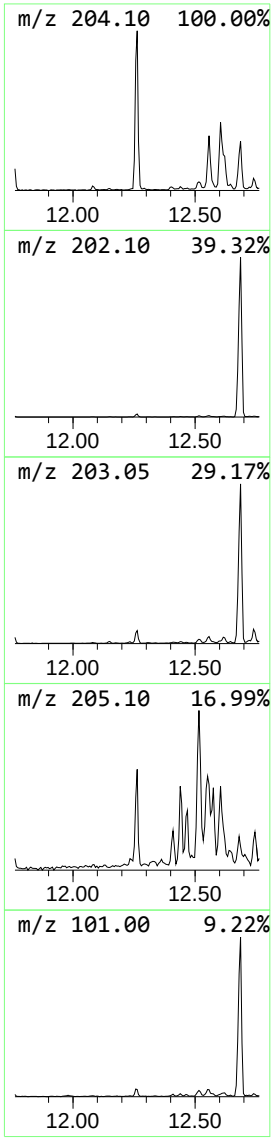
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.263	5.11 ng	156074	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	55
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	55





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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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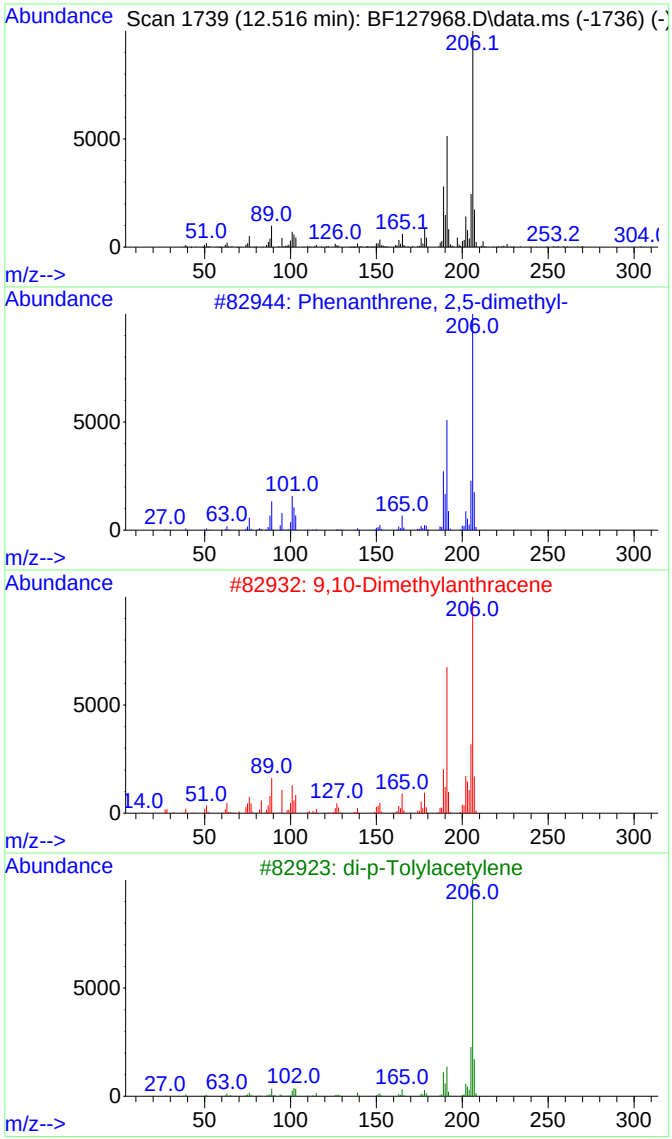
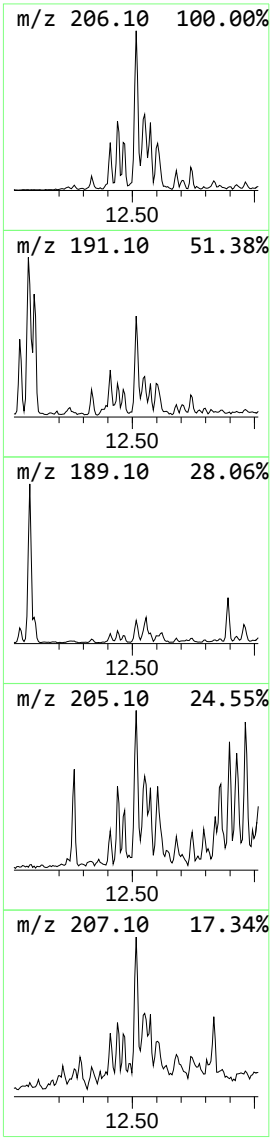
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.515	8.42 ng	257182	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





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TIC Library : C:\Database\NIST20.L
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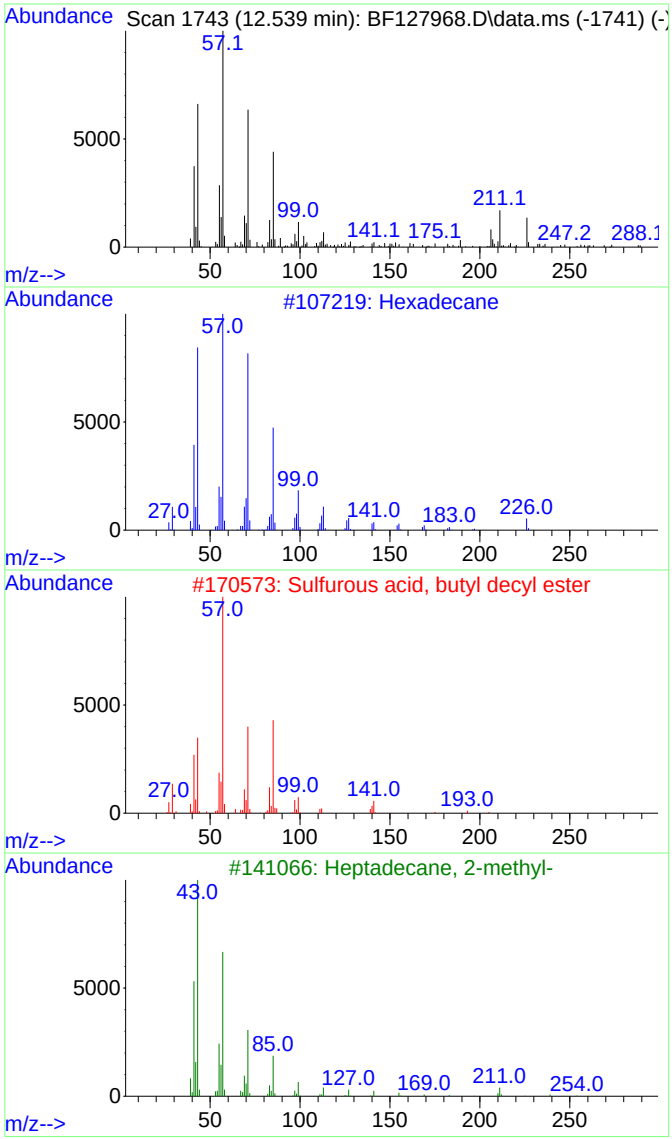
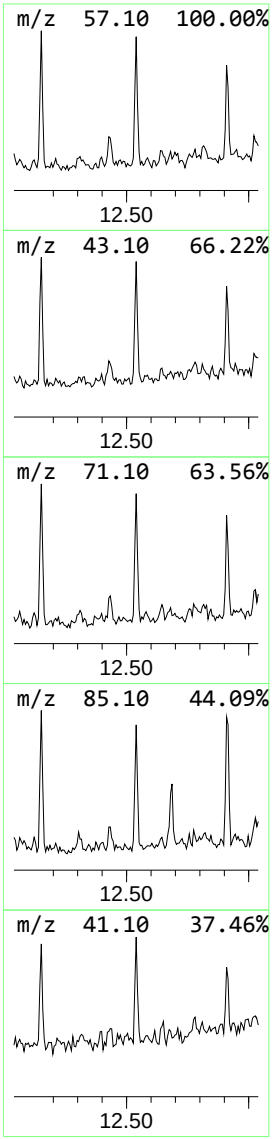
Peak Number 16 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.539	7.64 ng	233569	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	64
3	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	64
4	Tetradecane	198	C14H30	000629-59-4	64
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64





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ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
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TIC Integration Parameters: LSCINT.P

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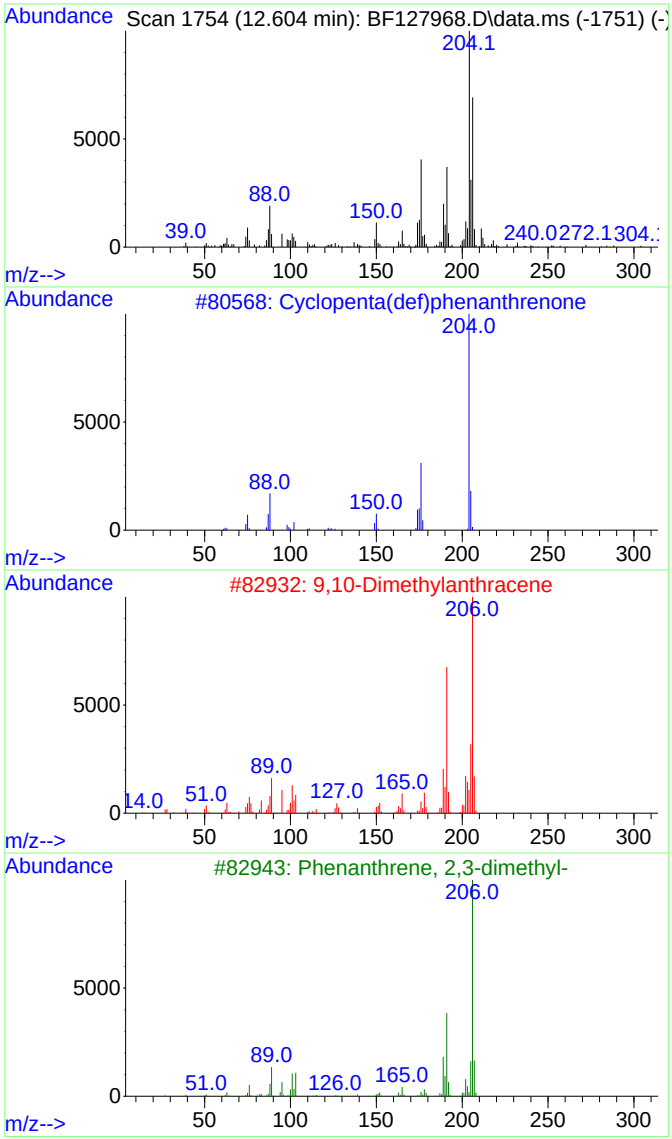
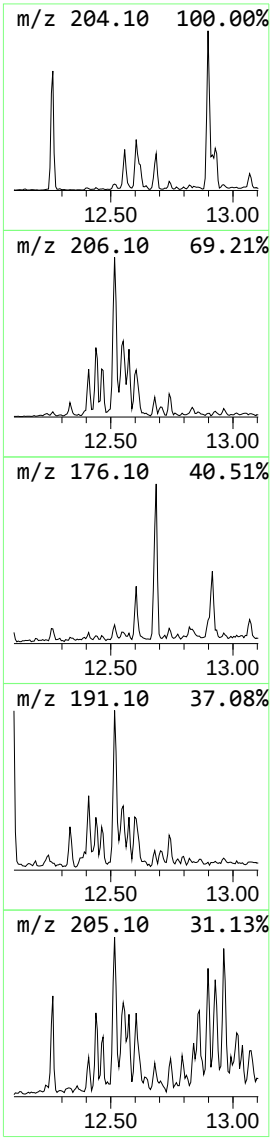
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.604	5.70 ng	174254	Phenanthrene-d10	11.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	38
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	38
4	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	30
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30





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Acq On : 28 Apr 2022 02:07
Operator : CG\JU
Sample : N2564-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC-164718

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.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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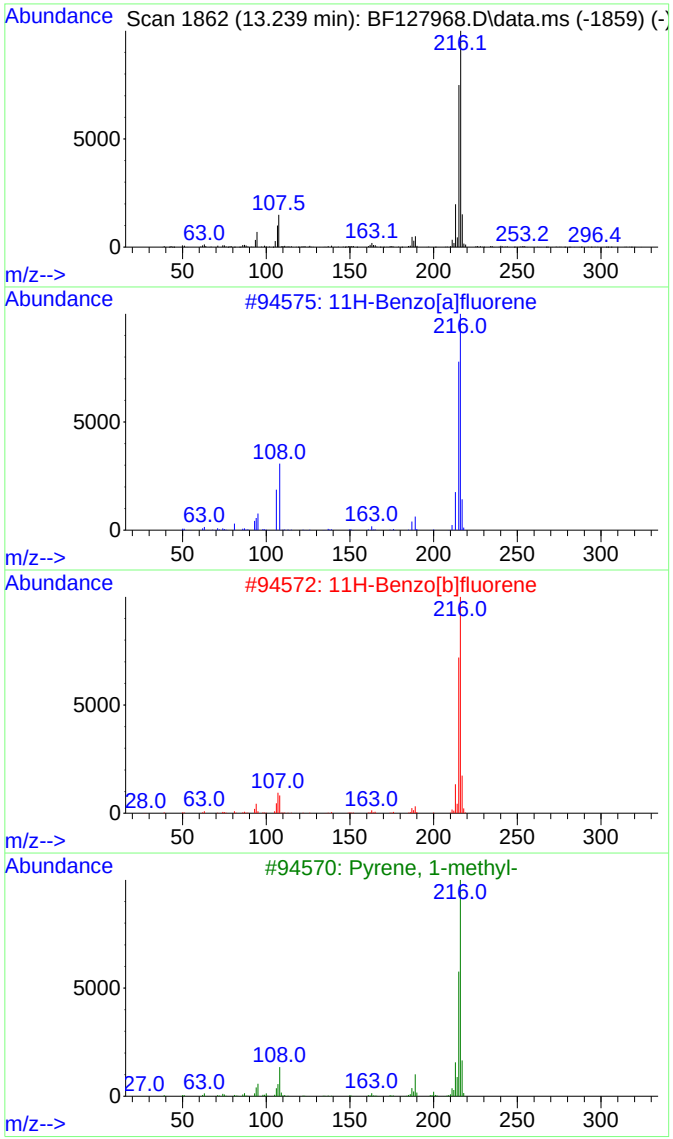
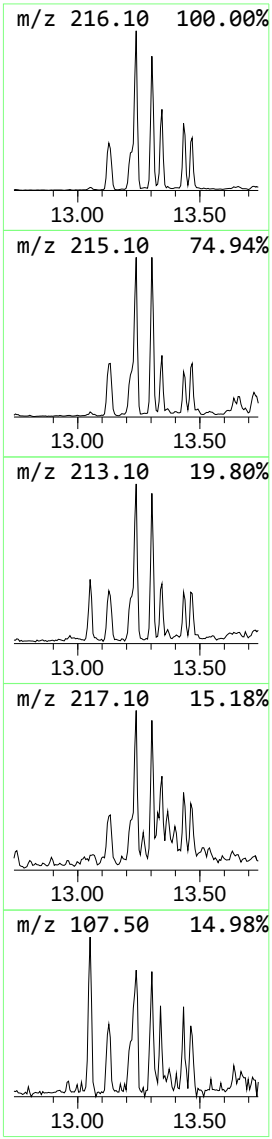
Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	4.65 ng	468675	Chrysene-d12	14.115

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Acq On : 28 Apr 2022 02:07
Operator : CG\JU
Sample : N2564-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC-164718

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.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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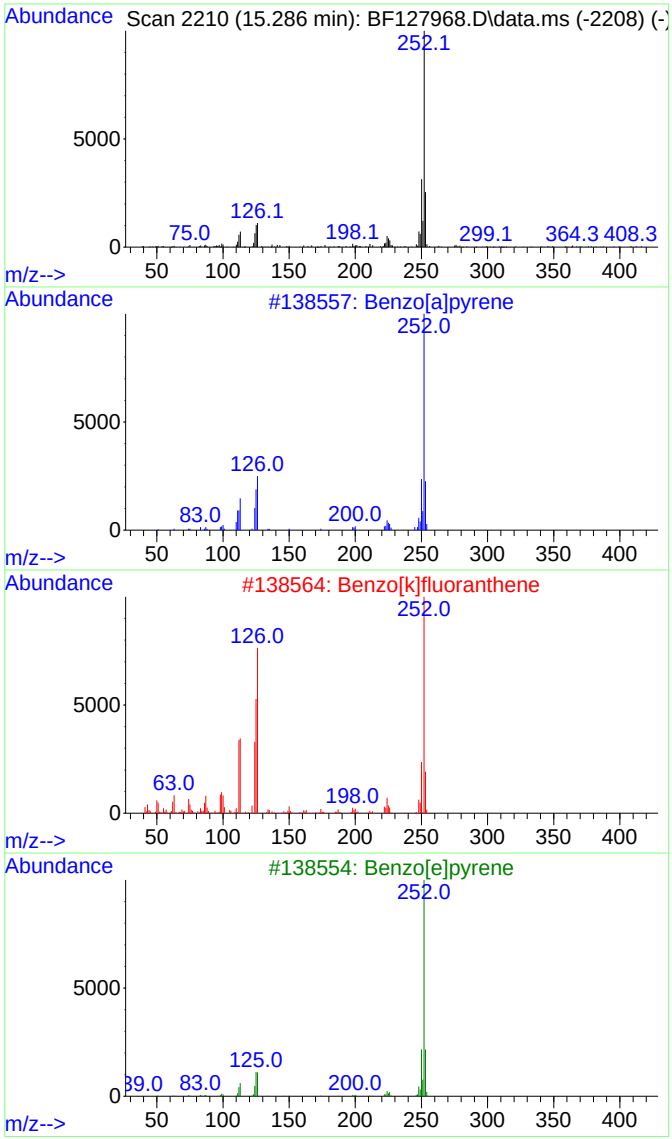
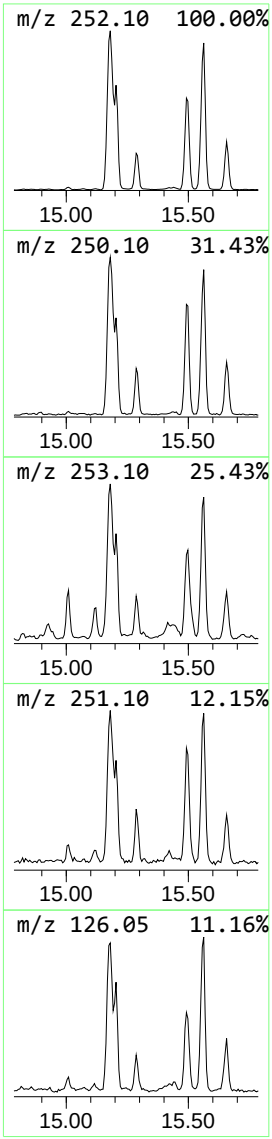
Peak Number 19 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.286	5.66 ng	138886	Perylene-d12	15.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Data File : BF127968.D
Acq On : 28 Apr 2022 02:07
Operator : CG\JU
Sample : N2564-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC-164718

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.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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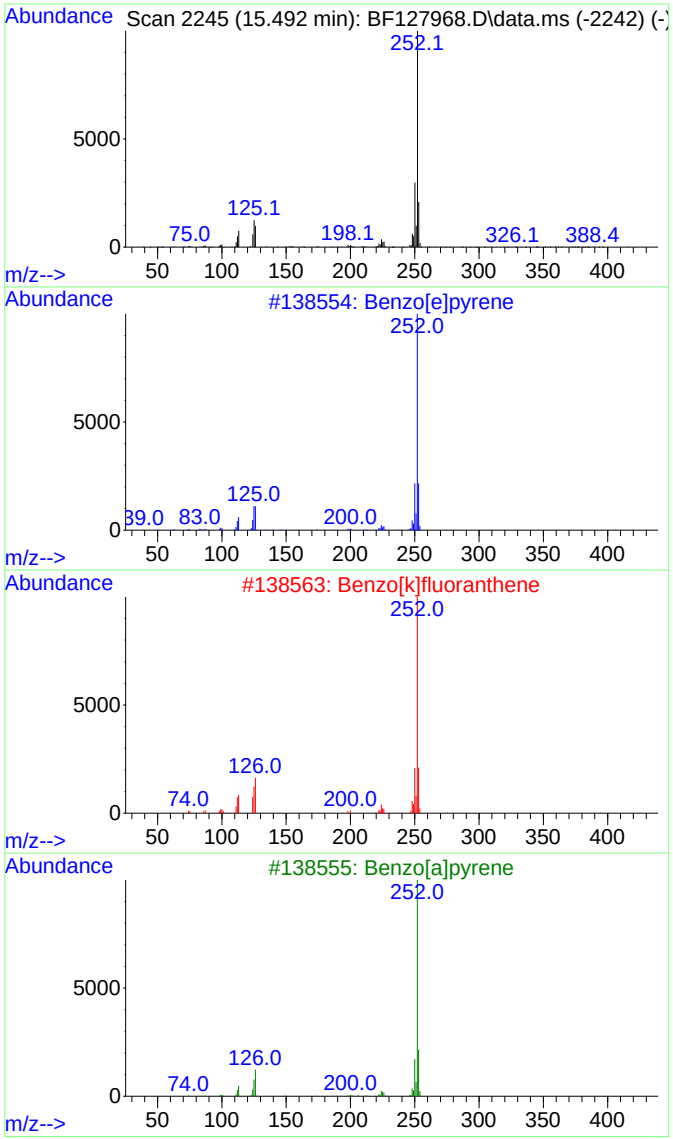
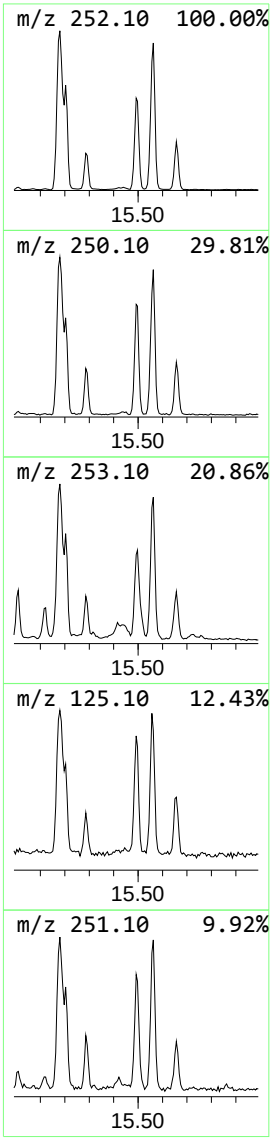
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.492	24.23 ng	594765	Perylene-d12	15.627

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
Data File : BF127968.D
Acq On : 28 Apr 2022 02:07
Operator : CG\JU
Sample : N2564-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PSC-164718

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.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
Naphthalene, 1,...	9.551	5.0	ng	136356	3	9.969	541652	20.0
Naphthalene, 2,...	9.627	5.9	ng	159365	3	9.969	541652	20.0
unknown9.675	9.675	5.2	ng	139669	3	9.969	541652	20.0
Naphthalene, 1,...	10.286	4.7	ng	127260	3	9.969	541652	20.0
3-Ethyl-2,6,10-...	10.392	7.2	ng	196128	3	9.969	541652	20.0
unknown10.604	10.604	4.4	ng	119500	3	9.969	541652	20.0
9H-Fluorene, 2-...	11.069	4.3	ng	130099	4	11.463	611226	20.0
Dodecane, 2-met...	11.316	4.6	ng	141398	4	11.463	611226	20.0
Phenanthrene, 1...	11.963	11.5	ng	351276	4	11.463	611226	20.0
Anthracene, 2-m...	11.992	11.3	ng	345700	4	11.463	611226	20.0
Phenanthrene, 2...	12.039	4.8	ng	145724	4	11.463	611226	20.0
4H-Cyclopenta[d...	12.080	20.3	ng	618793	4	11.463	611226	20.0
Anthracene, 1-m...	12.098	5.2	ng	158728	4	11.463	611226	20.0
Naphthalene, 2-...	12.263	5.1	ng	156074	4	11.463	611226	20.0
Phenanthrene, 2...	12.515	8.4	ng	257182	4	11.463	611226	20.0
Hexadecane	12.539	7.6	ng	233569	4	11.463	611226	20.0
Cyclopenta(def)...	12.604	5.7	ng	174254	4	11.463	611226	20.0
11H-Benzo[a]flu...	13.239	4.7	ng	468675	5	14.115	2014510	20.0
Benzo[e]pyrene	15.286	5.7	ng	138886	6	15.627	490926	20.0
Perylene	15.492	24.2	ng	594765	6	15.627	490926	20.0