LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141968.D
Acq On : 14 Mar 2025 16:37
Operator : RC/JU
Sample : Q1552-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-418-JB-COMP-01

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141968.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	4	12	26	rVB	988151	1565904	57.58%	3.612%
2	5.104	508	512	518	rVB	24350	37638	1.38%	0.087%
3	5.492	571	578	583	rBV	2026971	2647194	97.35%	6.107%
4	6.434	731	738	742	rBV2	16487	31174	1.15%	0.072%
5	6.498	742	749	766	rVB	1884828	2637119	96.98%	6.084%
6	6.875	808	813	820	rVV	652055	832815	30.63%	1.921%
7	7.433	899	908	913	rBV	1286986	1679940	61.78%	3.875%
8	7.686	946	951	964	rVB	47047	63970	2.35%	0.148%
9	8.157	1025	1031	1050	rVB	800422	1145210	42.11%	2.642%
10	8.375	1064	1068	1074	rVB2	21017	29769	1.09%	0.069%
11	8.869	1147	1152	1158	rBV	82733	101705	3.74%	0.235%
12	8.969	1164	1169	1173	rBV	98793	123534	4.54%	0.285%
13	9.227	1208	1213	1223	rBV	2155562	2719342	100.00%	6.273%
14	9.327	1223	1230	1234	rVV2	20392	43789	1.61%	0.101%
15	9.427	1243	1247	1253	rVB	26959	39208	1.44%	0.090%
16	9.492	1253	1258	1263	rBV	50892	77991	2.87%	0.180%
17	9.569	1266	1271	1274	rBV	99143	144246	5.30%	0.333%
18	9.592	1274	1275	1279	rVB	46007	38685	1.42%	0.089%
19	9.686	1286	1291	1300	rBV	48979	85093	3.13%	0.196%
20	9.769	1300	1305	1310	rVB2	41542	56697	2.08%	0.131%
21	9.910	1320	1329	1332	rBV	765224	993807	36.55%	2.293%
22	9.939	1332	1334	1339	rVB	187367	220236	8.10%	0.508%
23	10.016	1342	1347	1351	rBV	23096	36978	1.36%	0.085%
24	10.063	1351	1355	1359	rBV2	28464	41204	1.52%	0.095%
25	10.110	1359	1363	1367	rBV	108511	145180	5.34%	0.335%
26	10.151	1367	1370	1375	rVB	33494	40187	1.48%	0.093%
27	10.227	1376	1383	1385	rBV	67647	115389	4.24%	0.266%
28	10.457	1417	1422	1427	rVB	289750	369436	13.59%	0.852%
29	10.522	1427	1433	1435	rBV	45632	80565	2.96%	0.186%
30	10.622	1445	1450	1454	rVB2	192267	273982	10.08%	0.632%
31	10.698	1457	1463	1468	rBV	1224443	1605913	59.06%	3.705%
32	10.821	1479	1484	1490	rVB3	49749	83020	3.05%	0.192%
33	11.004	1508	1515	1518	rBV4	85529	161660	5.94%	0.373%
34	11.033	1518	1520	1526	rVV2	46097	65130	2.40%	0.150%
35	11.086	1526	1529	1532	rVB	32725	39336	1.45%	0.091%
36	11.133	1532	1537	1538	rBV3	24662	34465	1.27%	0.080%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141968.D
Acq On : 14 Mar 2025 16:37
Operator : RC/JU
Sample : Q1552-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-418-JB-COMP-01

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.198	1545	1548	1552	rVB2	44002	53552	1.97%	0.124%
38	11.257	1552	1558	1560	rVV5	40123	78982	2.90%	0.182%
39	11.292	1560	1564	1570	rVB	124757	170858	6.28%	0.394%
40	11.398	1577	1582	1583	rBV	678989	818949	30.12%	1.889%
41	11.421	1583	1586	1590	rVV	1821979	2274215	83.63%	5.246%
42	11.469	1590	1594	1598	rVV	378742	507362	18.66%	1.170%
43	11.504	1598	1600	1604	rVB2	41269	46845	1.72%	0.108%
44	11.621	1615	1620	1628	rBV2	164181	276699	10.18%	0.638%
45	11.692	1628	1632	1635	rVV2	51636	75479	2.78%	0.174%
46	11.727	1635	1638	1642	rVB2	58572	75056	2.76%	0.173%
47	11.810	1649	1652	1656	rVB	30584	36581	1.35%	0.084%
48	11.921	1662	1671	1676	rBV2	734171	1327525	48.82%	3.062%
49	11.974	1676	1680	1682	rVV	113242	161395	5.94%	0.372%
50	12.010	1682	1686	1694	rVB	402525	767637	28.23%	1.771%
51	12.098	1699	1701	1704	rVB	34682	35912	1.32%	0.083%
52	12.192	1713	1717	1720	rBV	138506	212373	7.81%	0.490%
53	12.345	1740	1743	1746	rBV2	48919	53005	1.95%	0.122%
54	12.374	1746	1748	1750	rBV	30402	27237	1.00%	0.063%
55	12.451	1757	1761	1764	rBV	142341	203981	7.50%	0.471%
56	12.486	1764	1767	1773	rVB2	102998	156985	5.77%	0.362%
57	12.539	1773	1776	1782	rVB2	56338	88747	3.26%	0.205%
58	12.621	1785	1790	1794	rBV	1824628	2312345	85.03%	5.334%
59	12.704	1801	1804	1807	rBV	89797	99936	3.68%	0.231%
60	12.839	1820	1827	1833	rBV	1538664	2281913	83.91%	5.264%
61	12.980	1844	1851	1858	rVB	1829255	2463808	90.60%	5.684%
62	13.057	1859	1864	1868	rBV3	149119	278426	10.24%	0.642%
63	13.163	1876	1882	1886	rVB	338702	543705	19.99%	1.254%
64	13.233	1890	1894	1897	rVV2	257698	344723	12.68%	0.795%
65	13.268	1897	1900	1907	rVB2	168847	242001	8.90%	0.558%
66	13.363	1913	1916	1918	rBV	74969	81755	3.01%	0.189%
67	13.392	1919	1921	1925	rVB	78040	80785	2.97%	0.186%
68	13.668	1965	1968	1977	rVB	193198	286319	10.53%	0.661%
69	13.786	1984	1988	1990	rBV2	151258	214178	7.88%	0.494%
70	13.880	2000	2004	2012	rVB3	286285	448258	16.48%	1.034%
71	14.027	2024	2029	2033	rBV2	1354993	2418546	88.94%	5.579%
72	14.321	2076	2079	2083	rVB	162632	183749	6.76%	0.424%
73	14.415	2093	2095	2099	rVB	115569	132503	4.87%	0.306%
74	14.504	2106	2110	2115	rBV2	443325	674955	24.82%	1.557%
75	14.957	2184	2187	2194	rVB3	131039	190638	7.01%	0.440%
76	15.074	2202	2207	2216	rBV	567411	1273605	46.84%	2.938%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141968.D
Acq On : 14 Mar 2025 16:37
Operator : RC/JU
Sample : Q1552-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-418-JB-COMP-01

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.151	2216	2220	2224	rBV	360566	534276	19.65%	1.233%
78	15.380	2255	2259	2265	rVB	291051	446536	16.42%	1.030%
79	15.445	2265	2270	2276	rBV	384035	576104	21.19%	1.329%
80	15.509	2276	2281	2285	rBV	398514	669118	24.61%	1.544%
81	16.986	2527	2532	2543	rVB2	166528	366762	13.49%	0.846%
82	17.433	2603	2608	2624	rVB	137546	346833	12.75%	0.800%

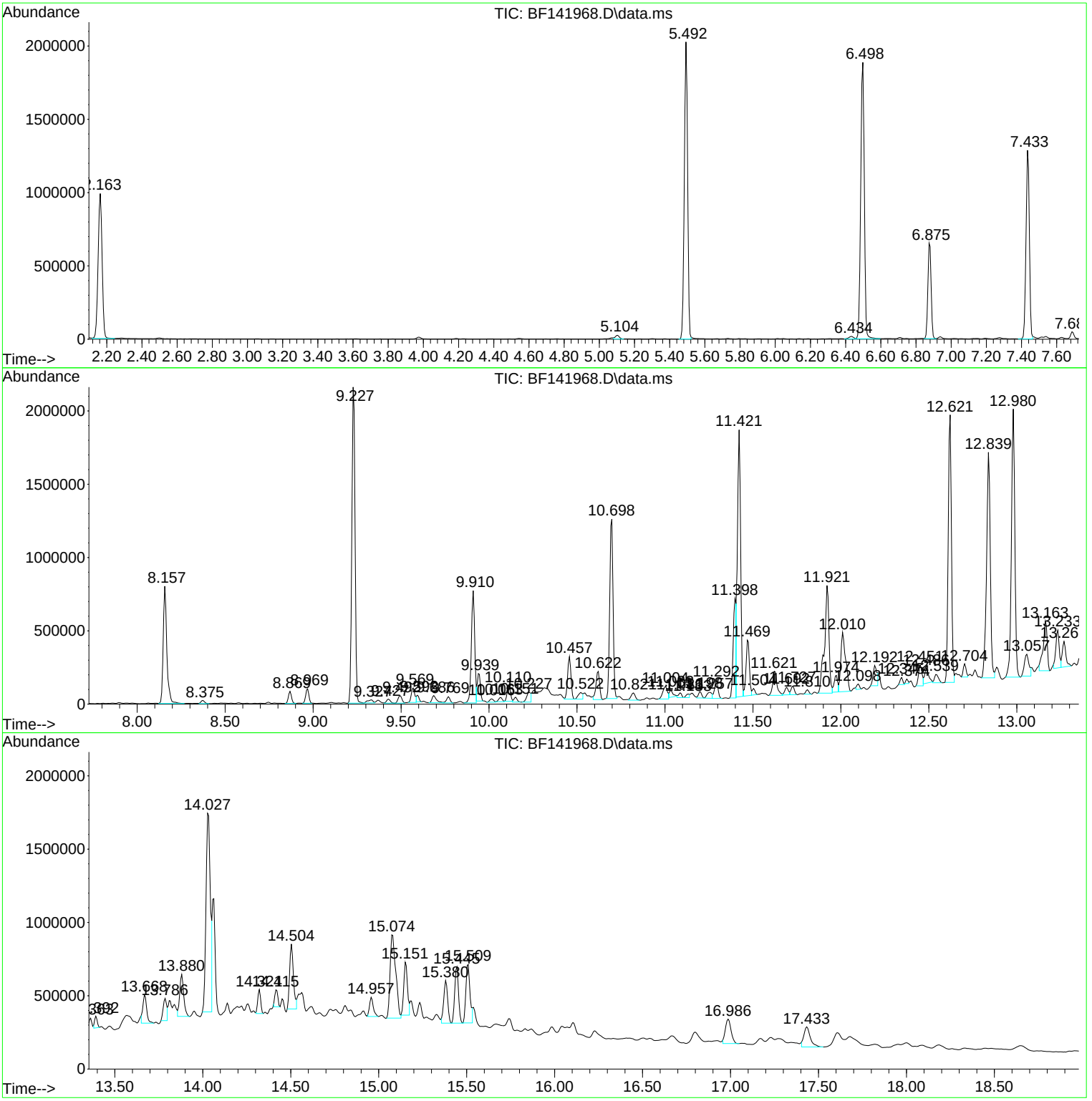
Sum of corrected areas: 43348663

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141968.D
Acq On : 14 Mar 2025 16:37
Operator : RC/JU
Sample : Q1552-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-418-JB-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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\BF031425\
Data File : BF141968.D
Acq On : 14 Mar 2025 16:37
Operator : RC/JU
Sample : Q1552-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-418-JB-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

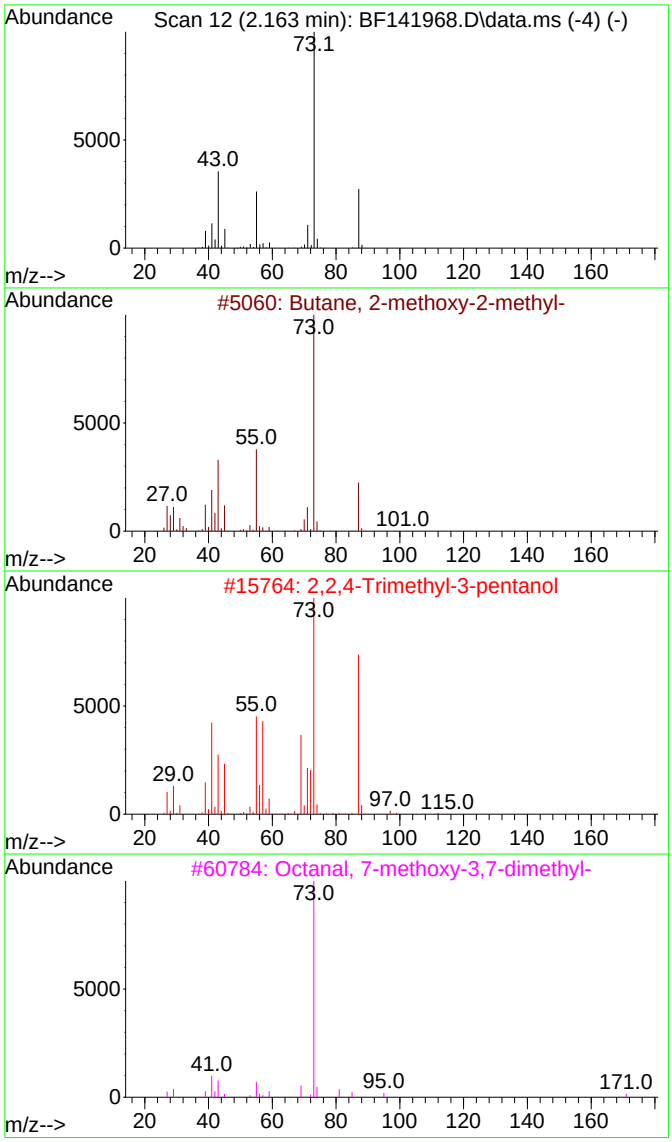
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

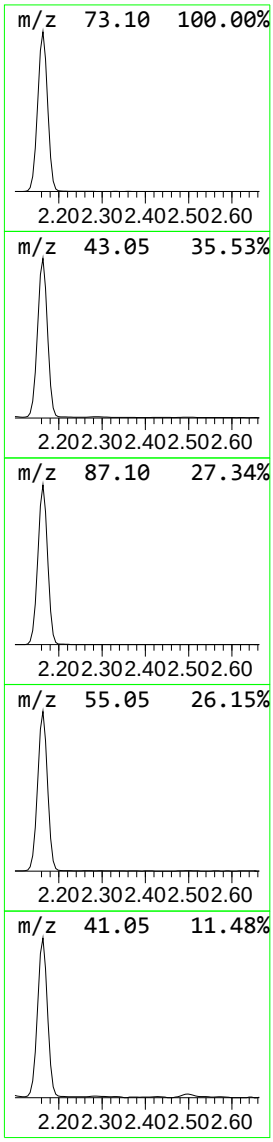
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	37.61 ng	1565900	1,4-Dichlorobenzene-d4	6.875

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	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141968.D
Acq On : 14 Mar 2025 16:37
Operator : RC/JU
Sample : Q1552-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-418-JB-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

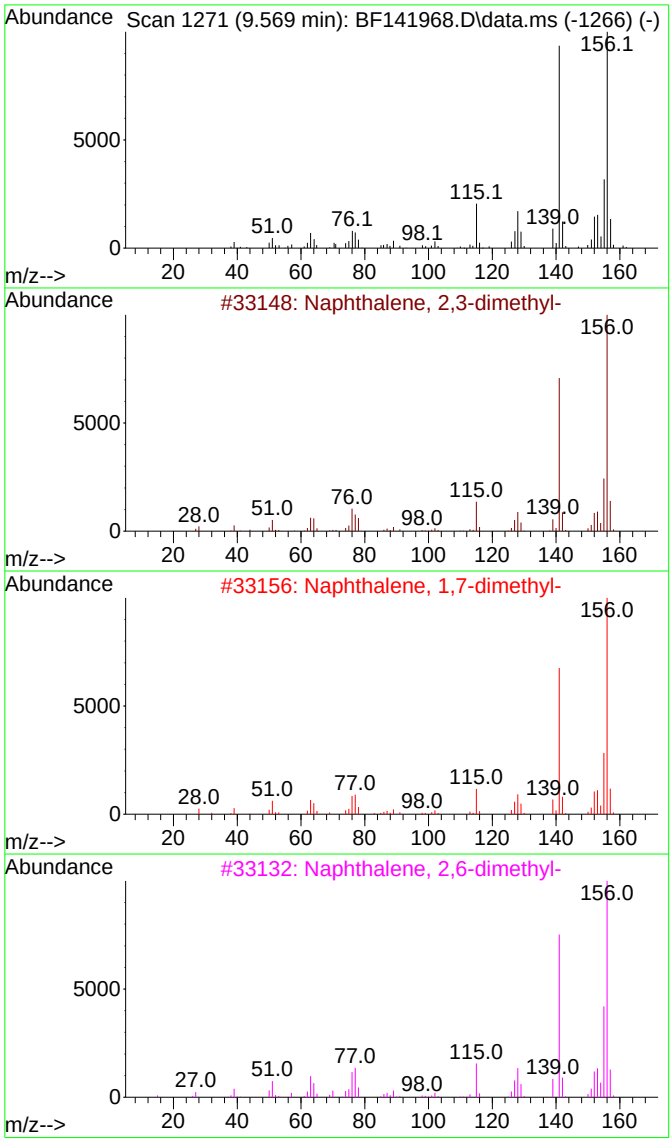
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

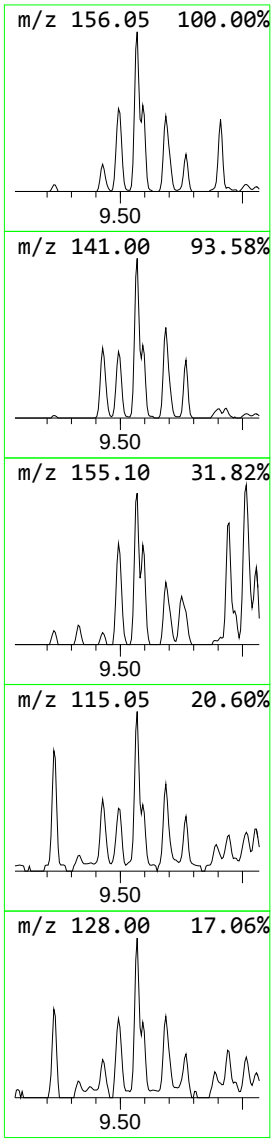
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	2.90 ng	144246	Acenaphthene-d10	9.910

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, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141968.D
Acq On : 14 Mar 2025 16:37
Operator : RC/JU
Sample : Q1552-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-418-JB-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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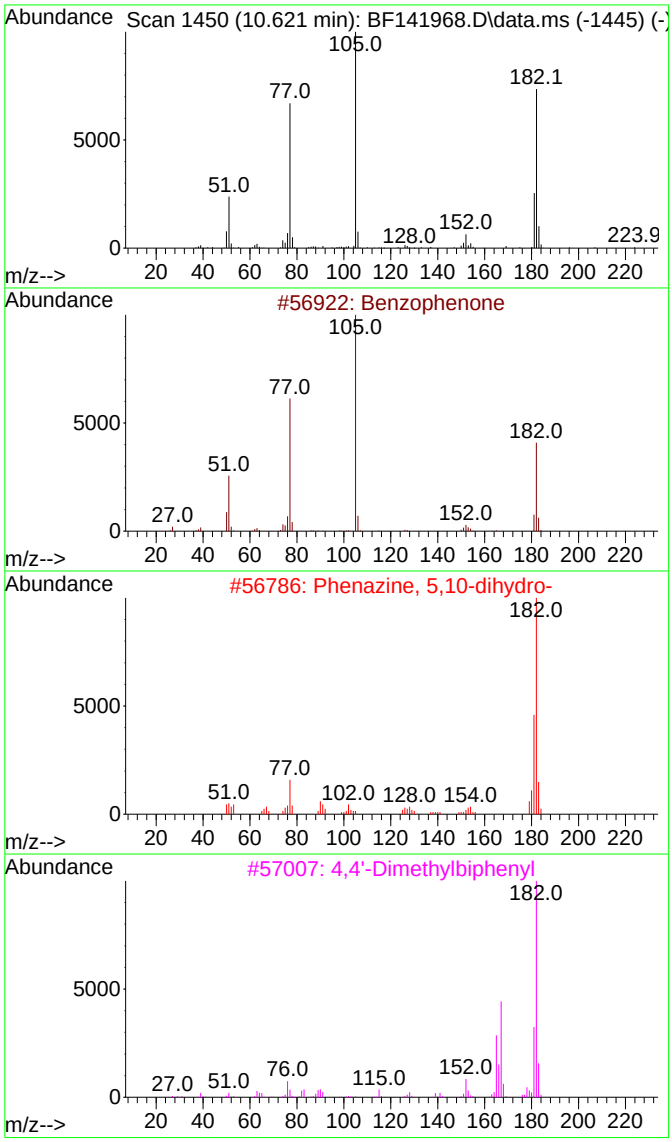
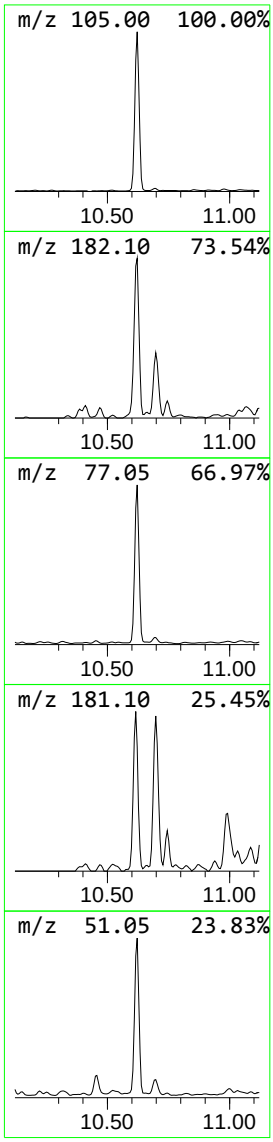
Peak Number 3 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.621	5.51 ng	273982	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	93
2	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	47
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	43
4	Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	38
5	3-Aminocarbazole	182	C12H10N2	006377-12-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141968.D
Acq On : 14 Mar 2025 16:37
Operator : RC/JU
Sample : Q1552-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-418-JB-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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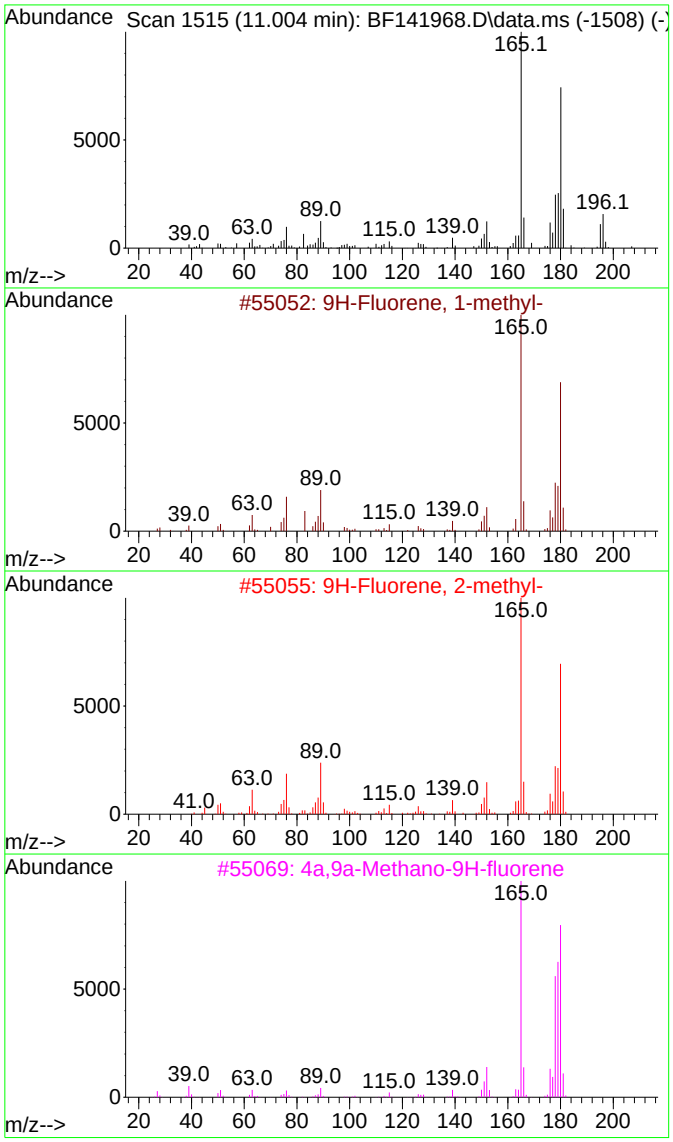
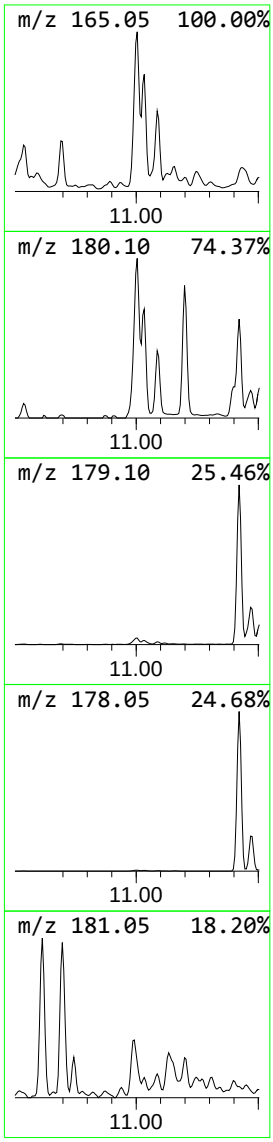
Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.004	3.95 ng	161660	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141968.D
Acq On : 14 Mar 2025 16:37
Operator : RC/JU
Sample : Q1552-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-418-JB-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

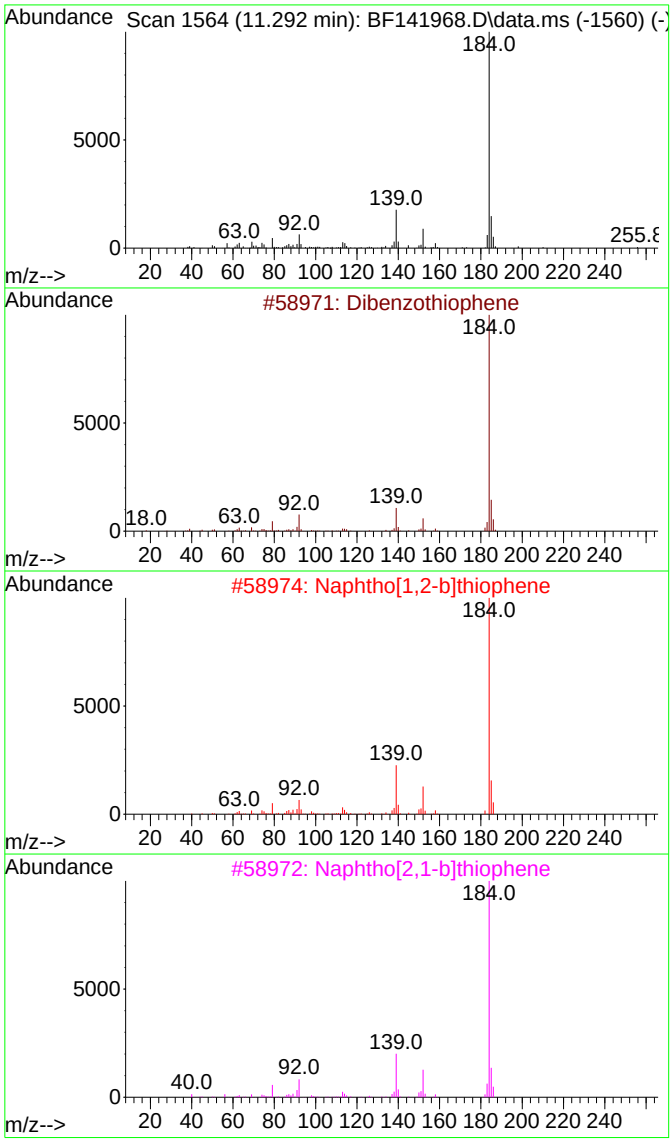
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

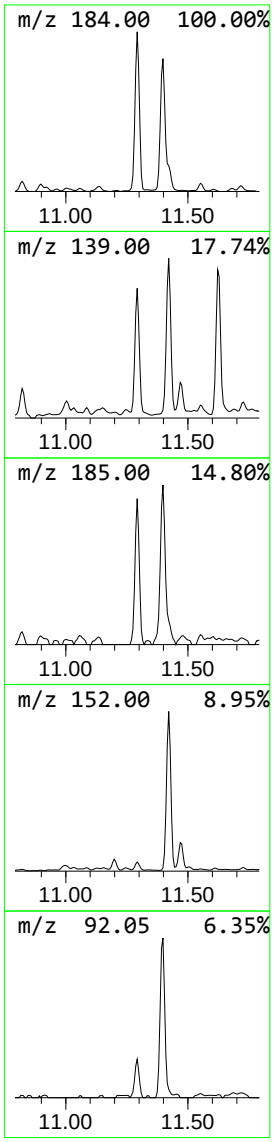
****

Peak Number 5 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	4.17 ng	170858	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141968.D
Acq On : 14 Mar 2025 16:37
Operator : RC/JU
Sample : Q1552-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-418-JB-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

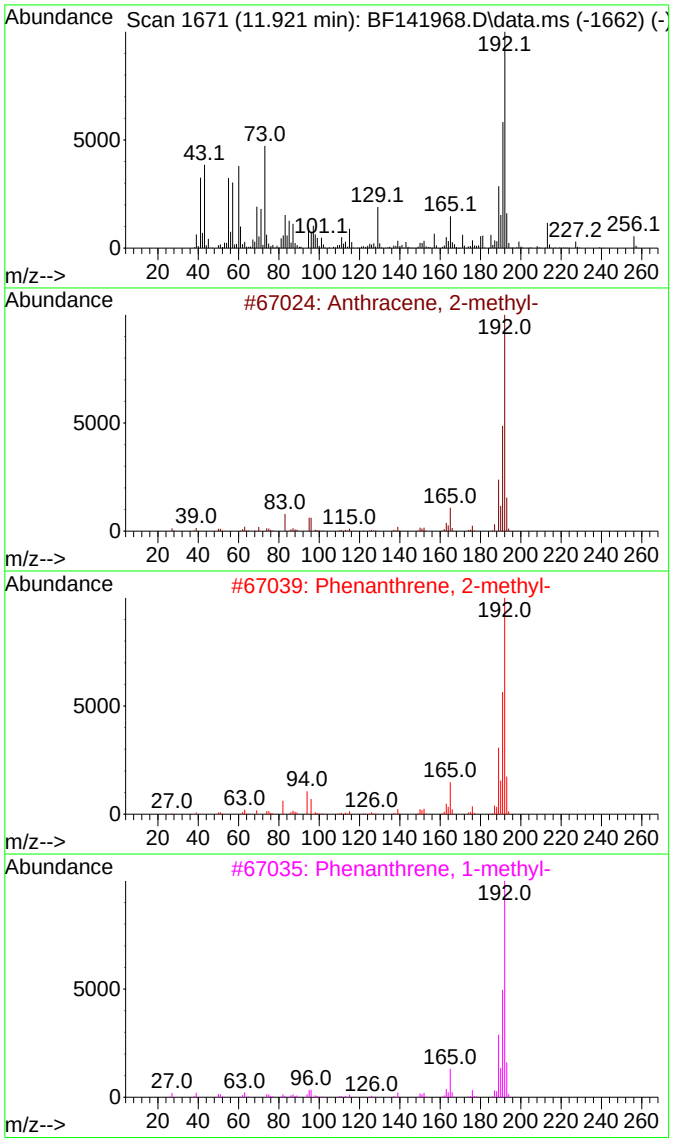
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

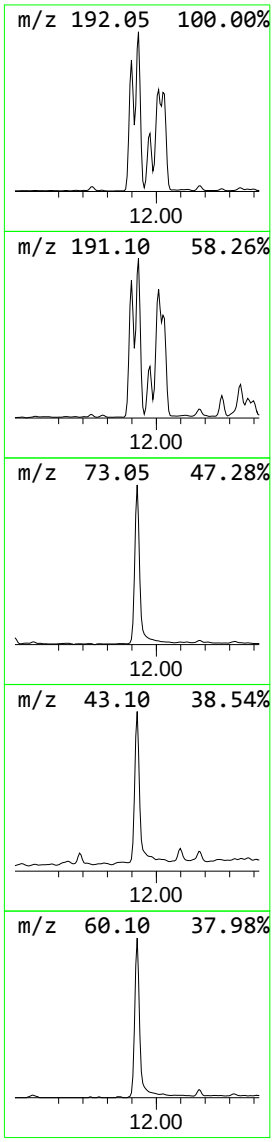
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.921	32.42 ng	1327530	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Operator : RC/JU
Sample : Q1552-01
Misc :
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Instrument :
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ClientSampleId :
NB-418-JB-COMP-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

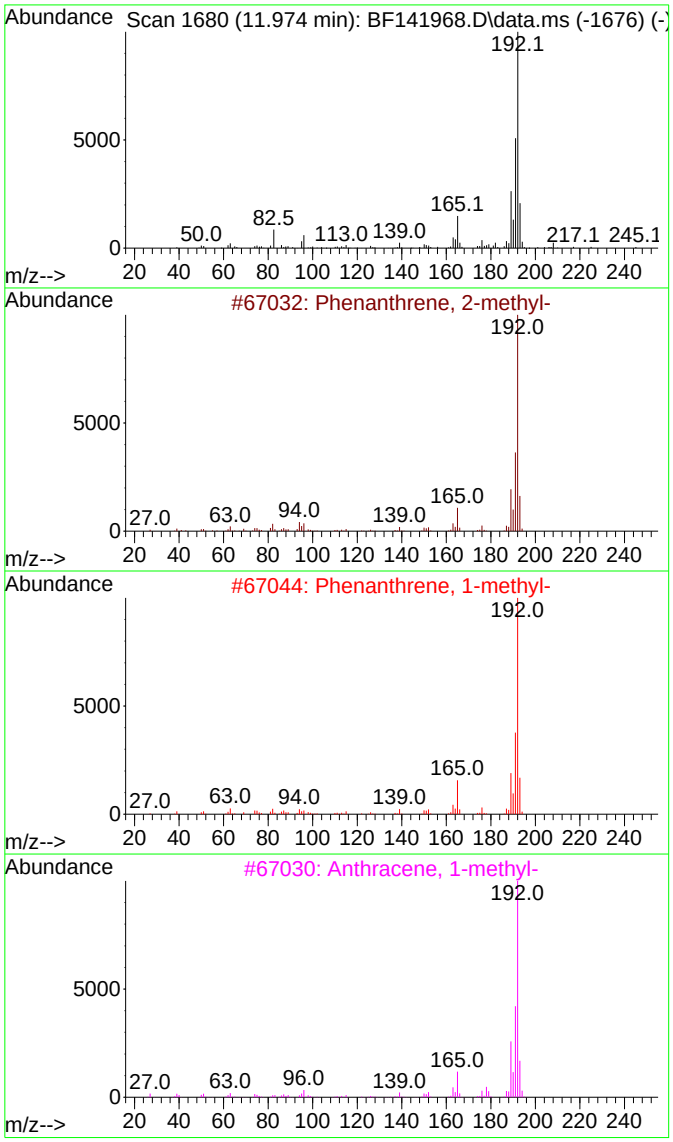
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

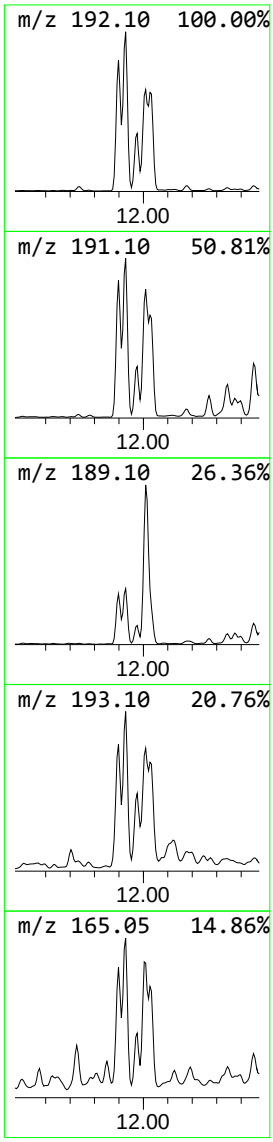
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	3.94 ng	161395	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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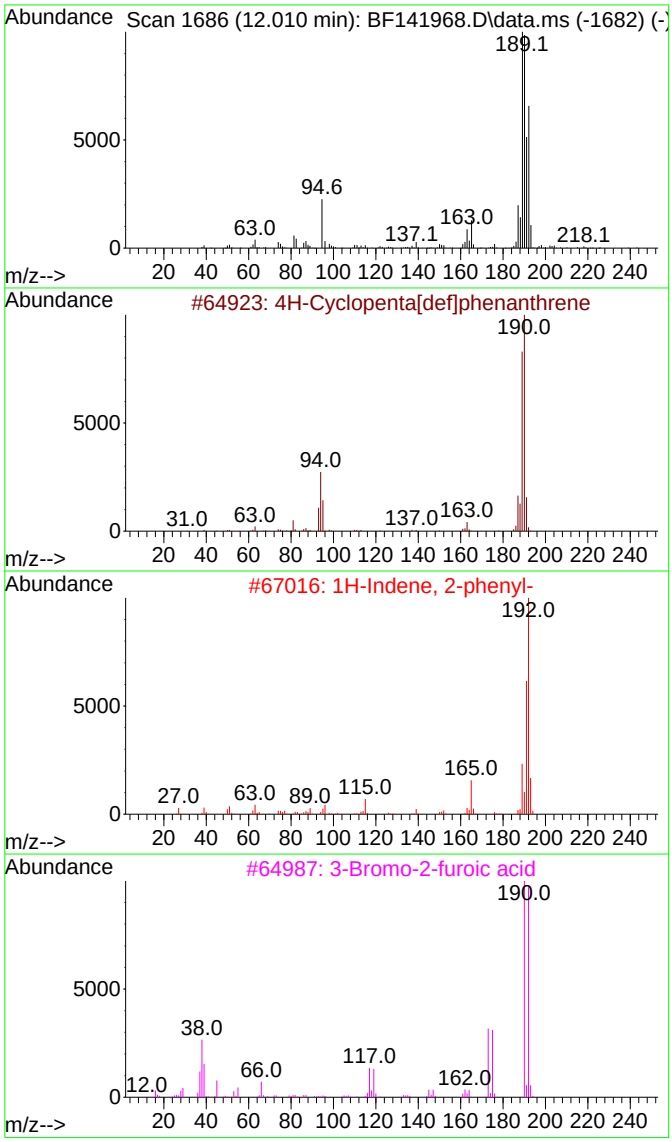
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

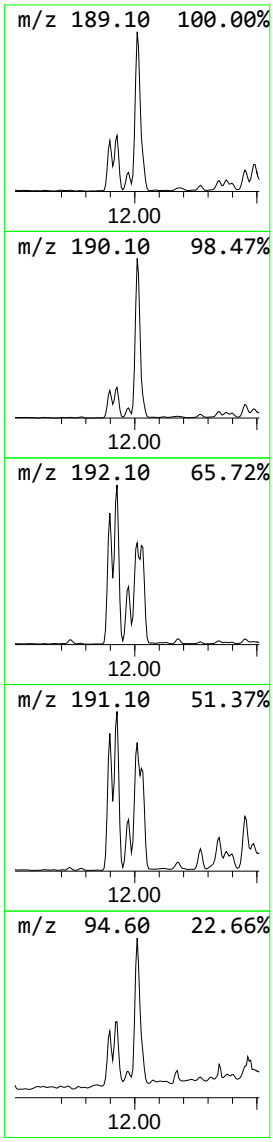
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	18.75 ng	767637	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
3	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	25
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





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Sample : Q1552-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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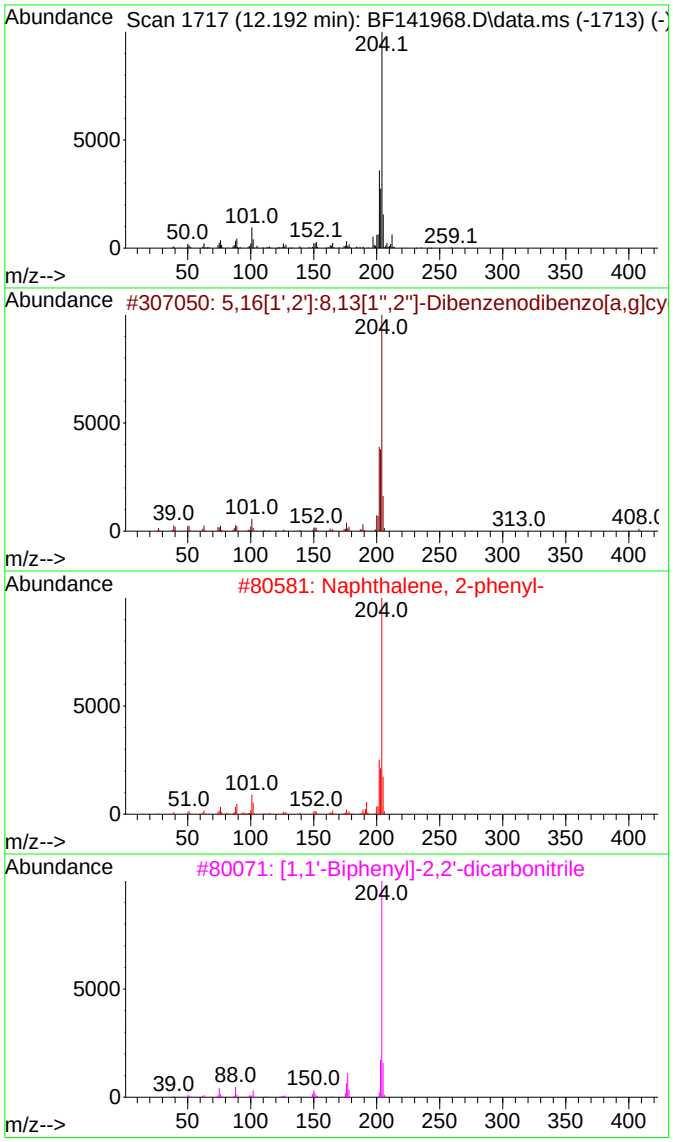
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

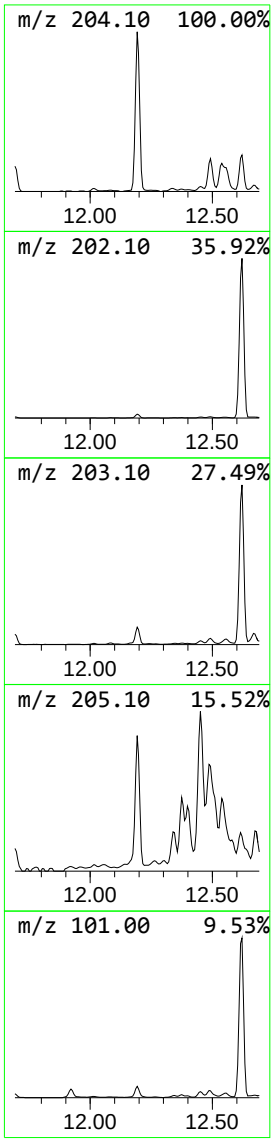
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	5.19 ng	212373	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	52
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	52
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	52





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Misc :
ALS Vial : 15 Sample Multiplier: 1

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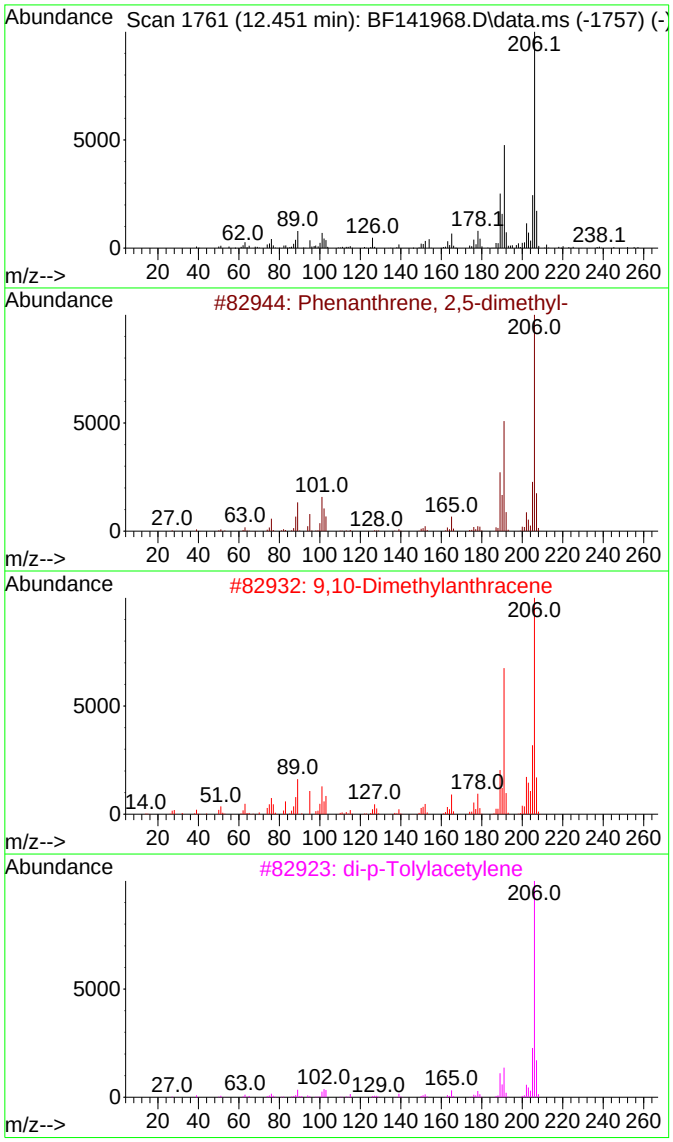
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

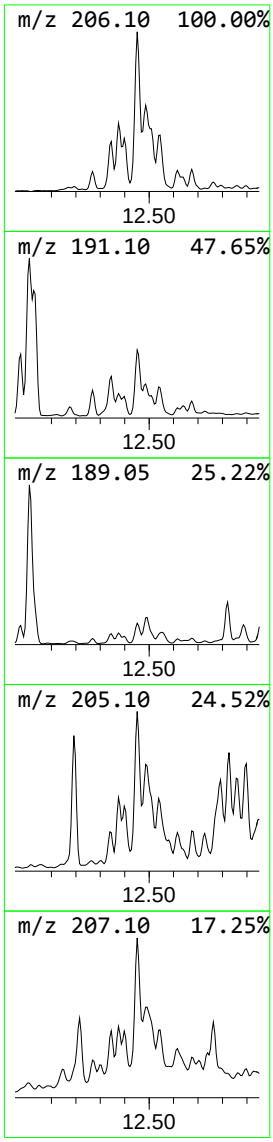
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	4.98 ng	203981	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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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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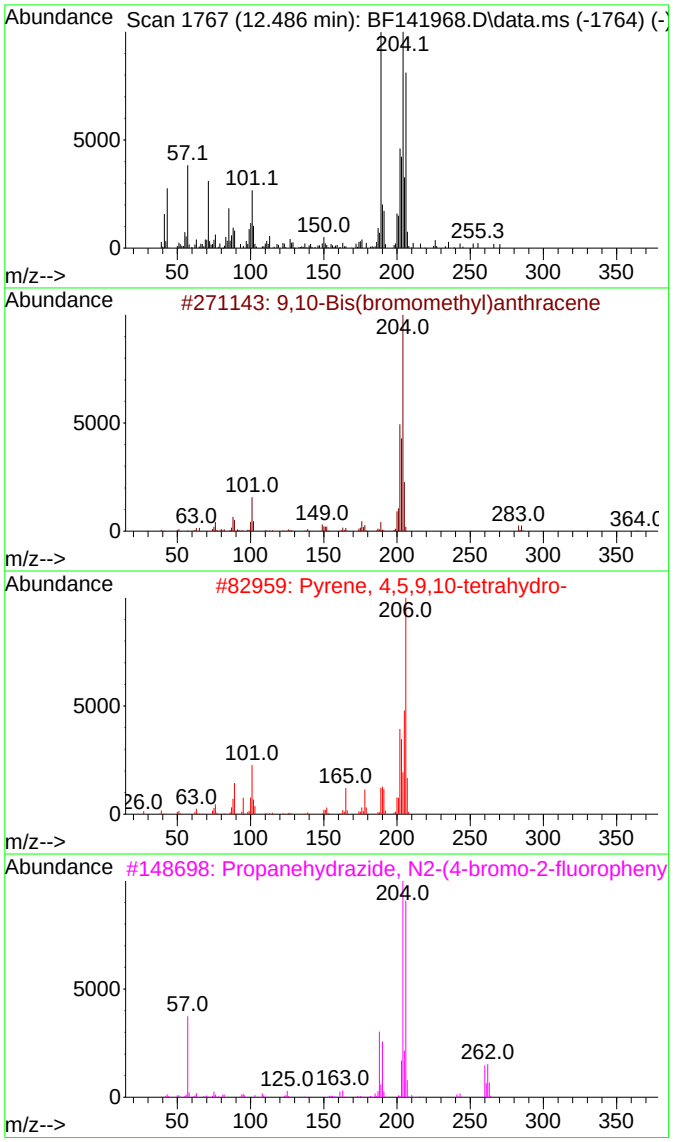
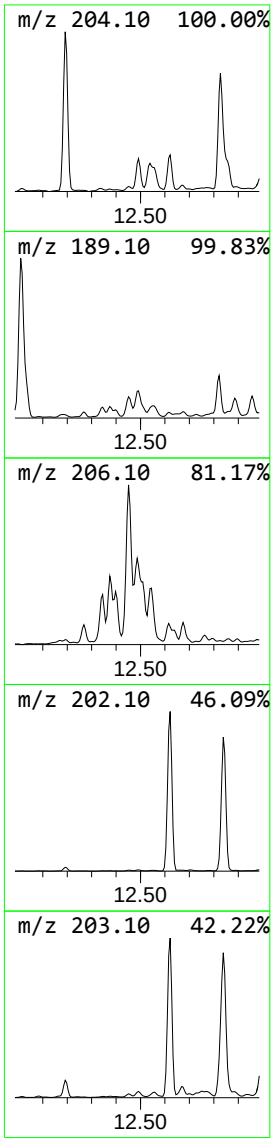
Peak Number 11 unknown12.486 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	3.83 ng	156985	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
3	Propanehydrazide, N2-(4-bromo-2-...	260	C9H10BrFN2O	1000272-78-2	38
4	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	35
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	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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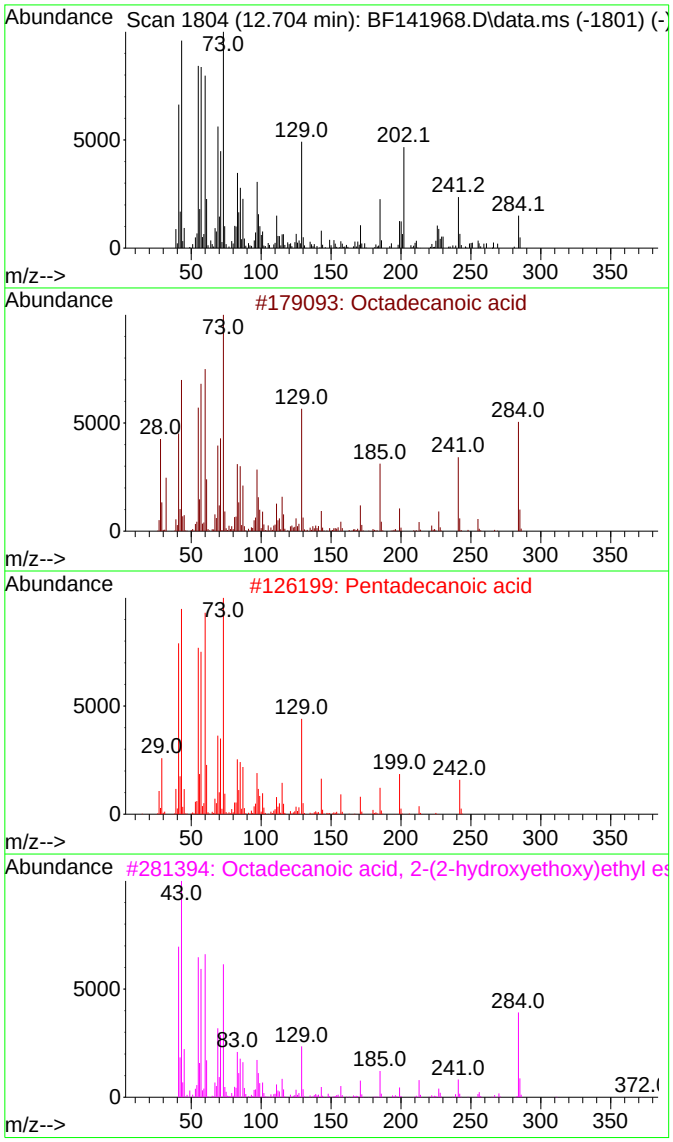
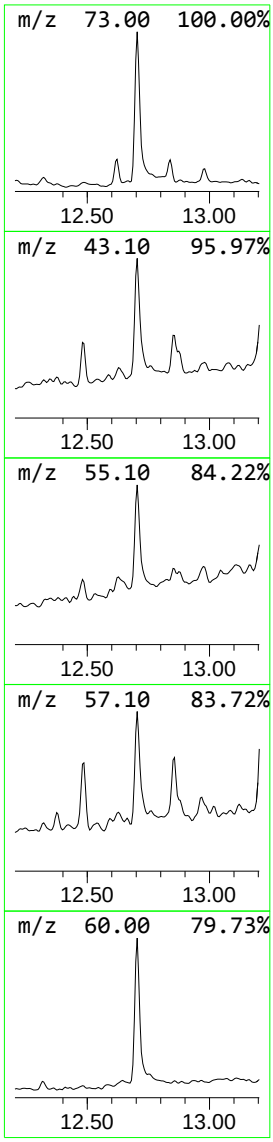
Peak Number 12 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	2.44 ng	99936	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





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

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

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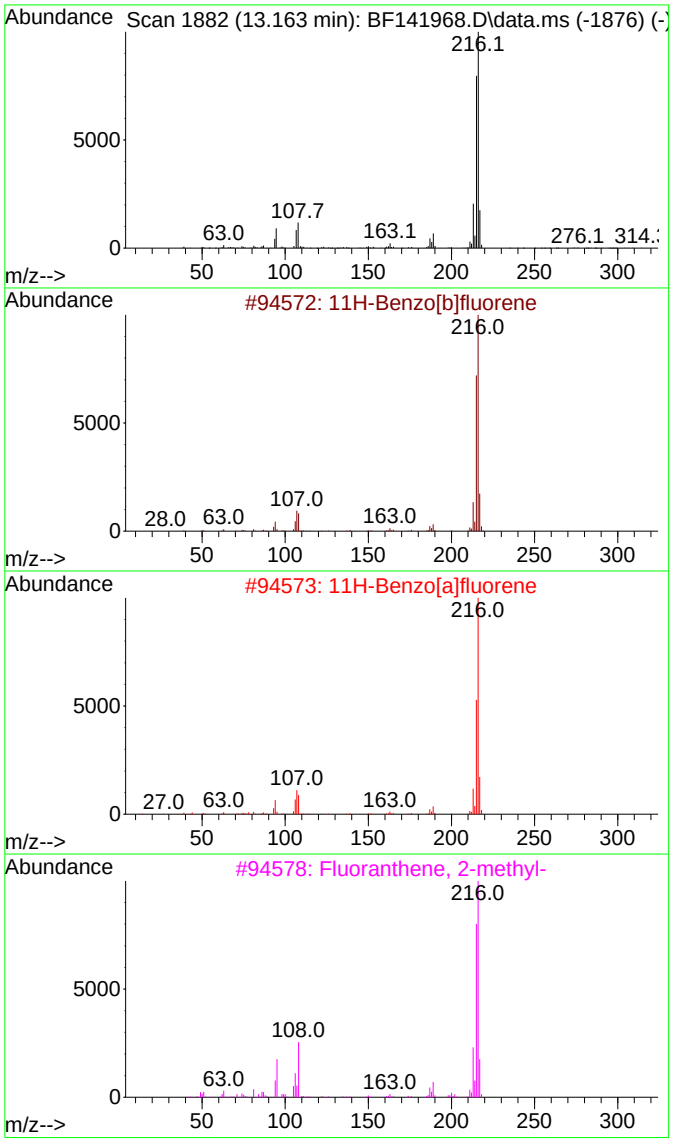
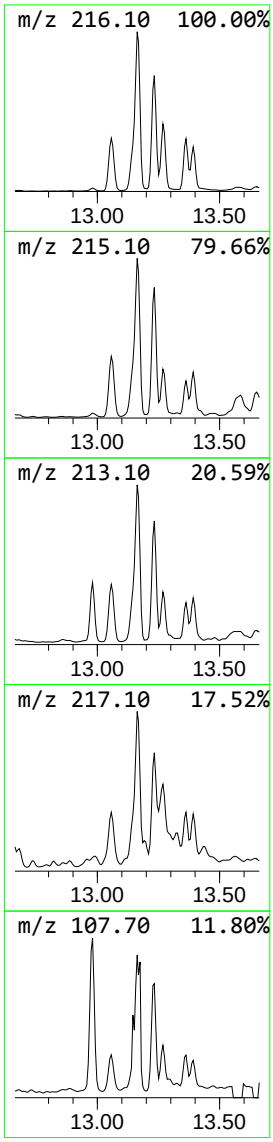
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	4.50 ng	543705	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Sample : Q1552-01
Misc :
ALS Vial : 15 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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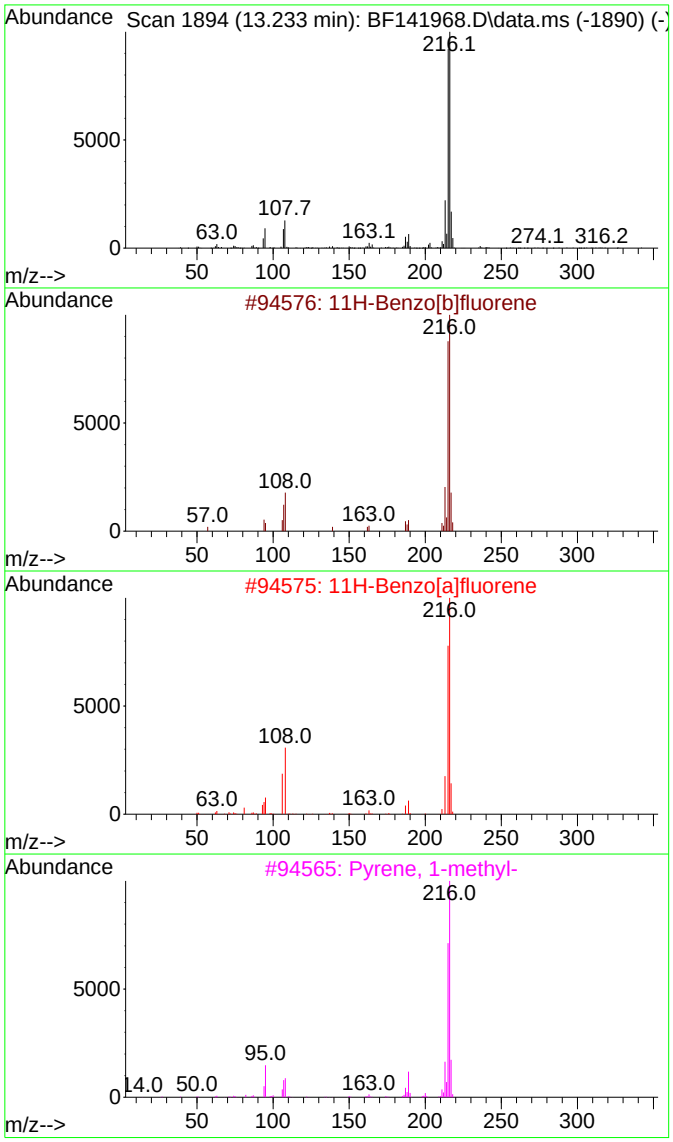
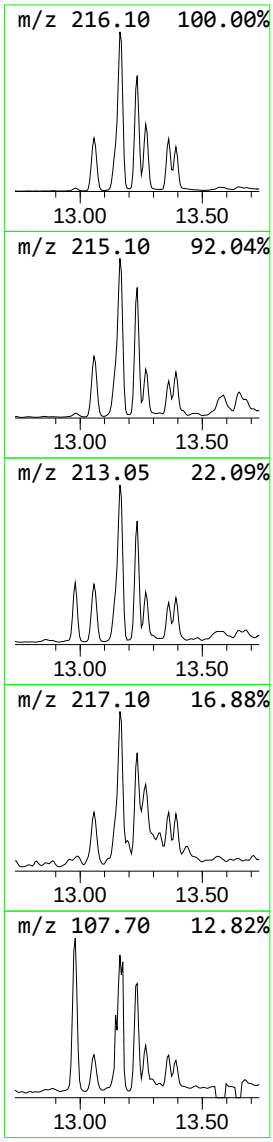
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.233	2.85 ng	344723	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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ALS Vial : 15 Sample Multiplier: 1

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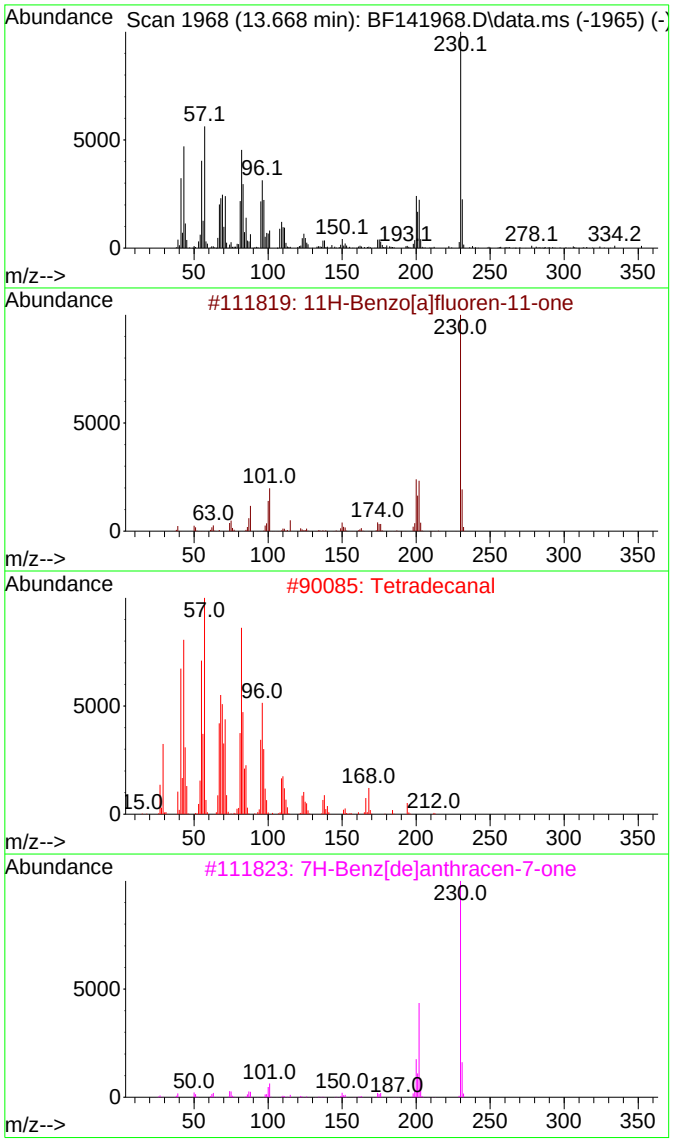
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

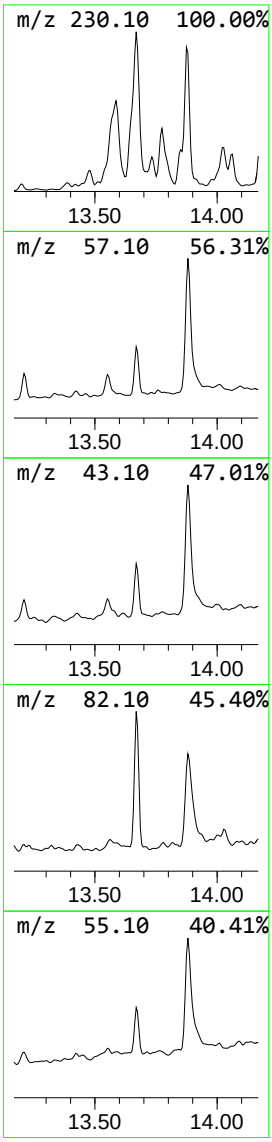
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.668	2.37 ng	286319	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	70
2	Tetradecanal	212	C14H28O	000124-25-4	50
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	45
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	38
5	m-Terphenyl	230	C18H14	000092-06-8	30





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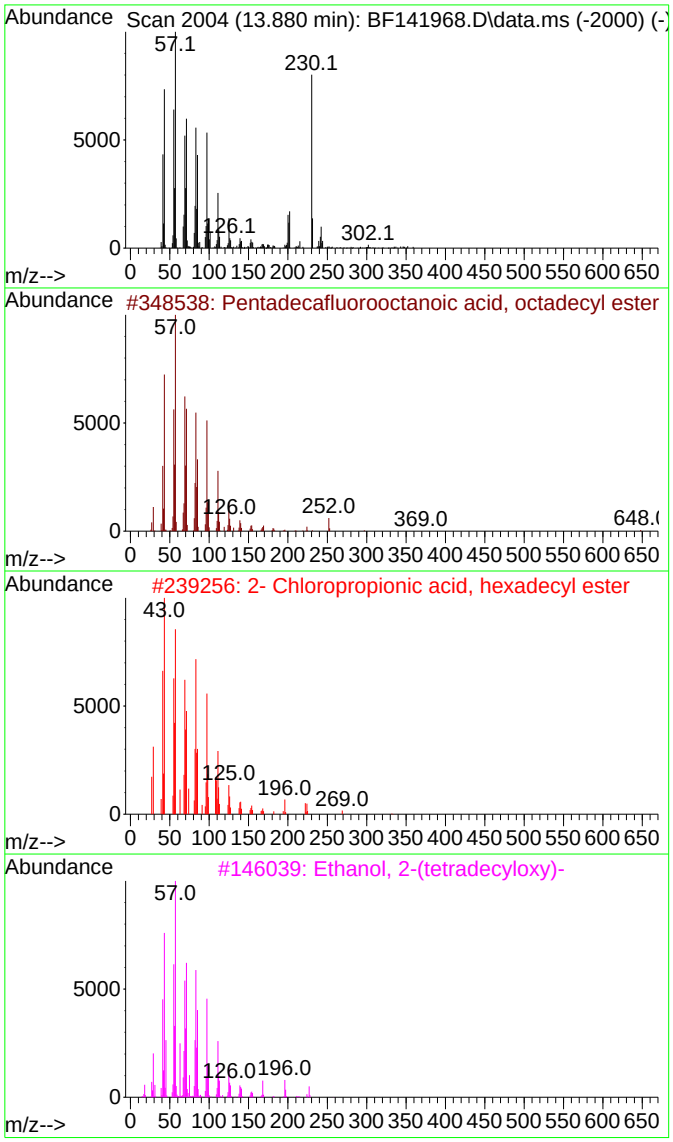
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

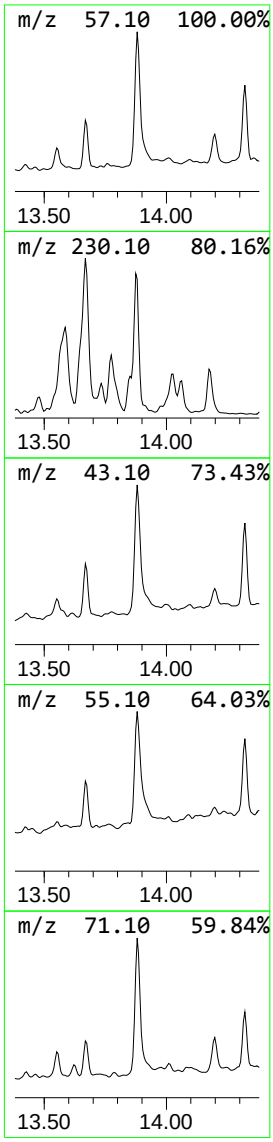
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pentadecafluorooctanoic aci... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	3.71 ng	448258	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	64
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	55
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	50
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	50
5	Cyclopentadecane	210	C15H30	000295-48-7	47





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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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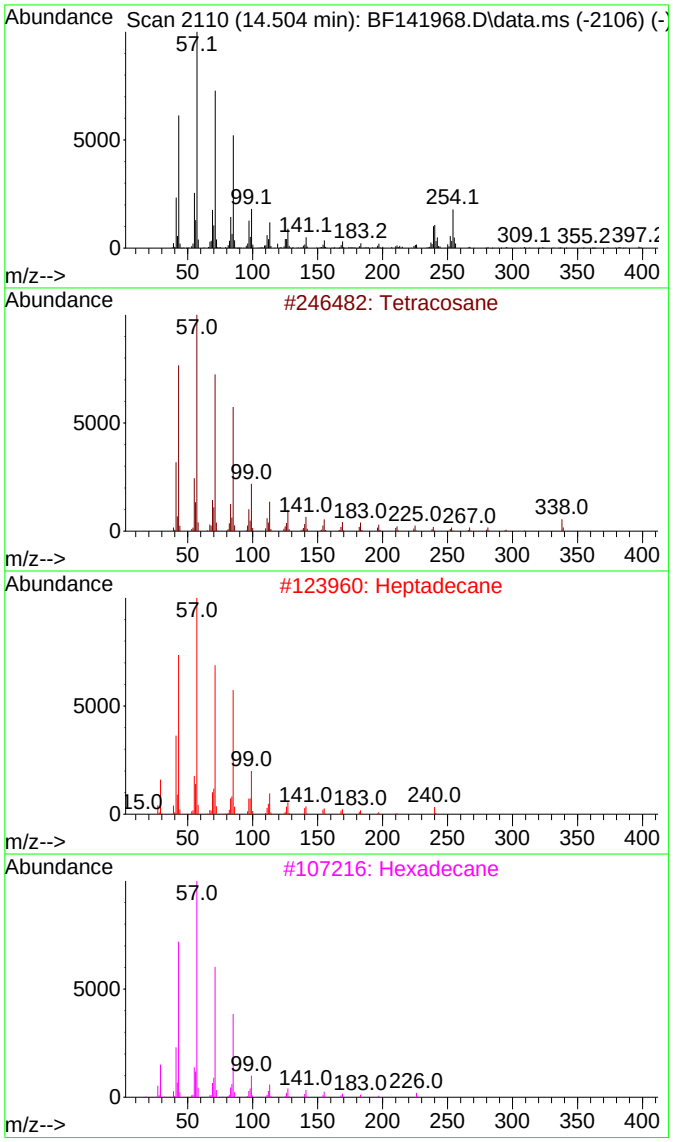
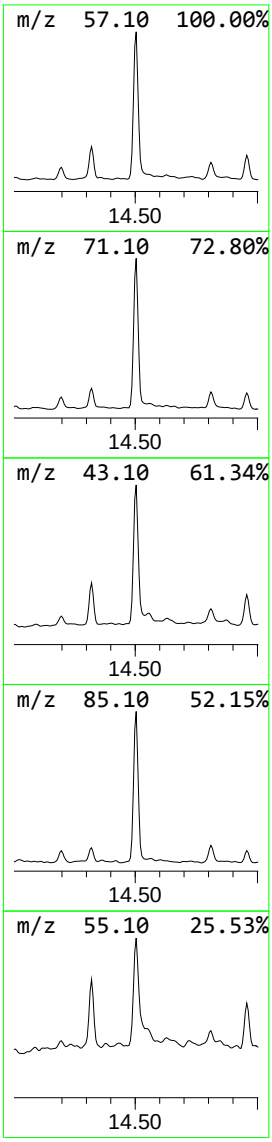
Peak Number 17 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.504	5.58 ng	674955	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Heptadecane	240	C17H36	000629-78-7	95
3	Hexadecane	226	C16H34	000544-76-3	94
4	Hexacosane	366	C26H54	000630-01-3	93
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90





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Acq On : 14 Mar 2025 16:37
Operator : RC/JU
Sample : Q1552-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-418-JB-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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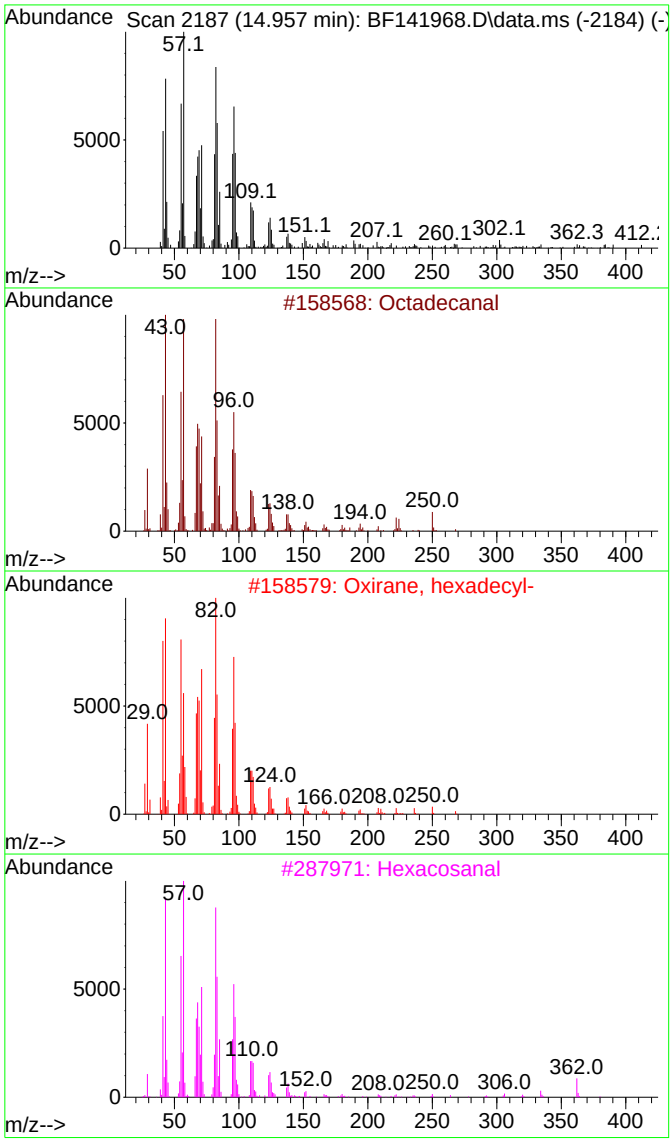
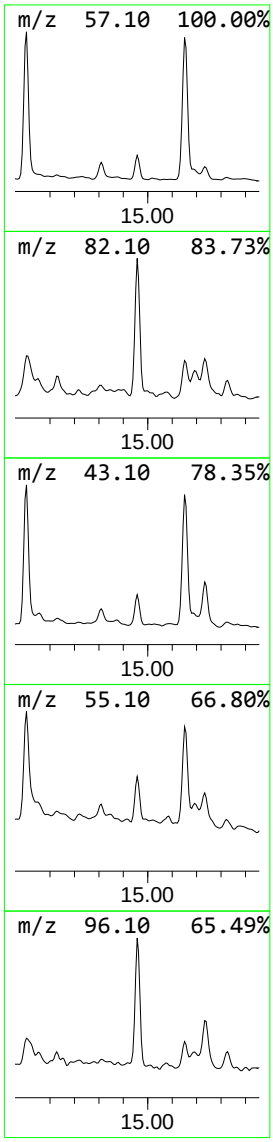
Peak Number 18 Octadecanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.957	5.70 ng	190638	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	96
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
3	Hexacosanal	380	C26H52O	026627-85-0	95
4	Eicosanal-	296	C20H40O	002400-66-0	93
5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141968.D
Acq On : 14 Mar 2025 16:37
Operator : RC/JU
Sample : Q1552-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-418-JB-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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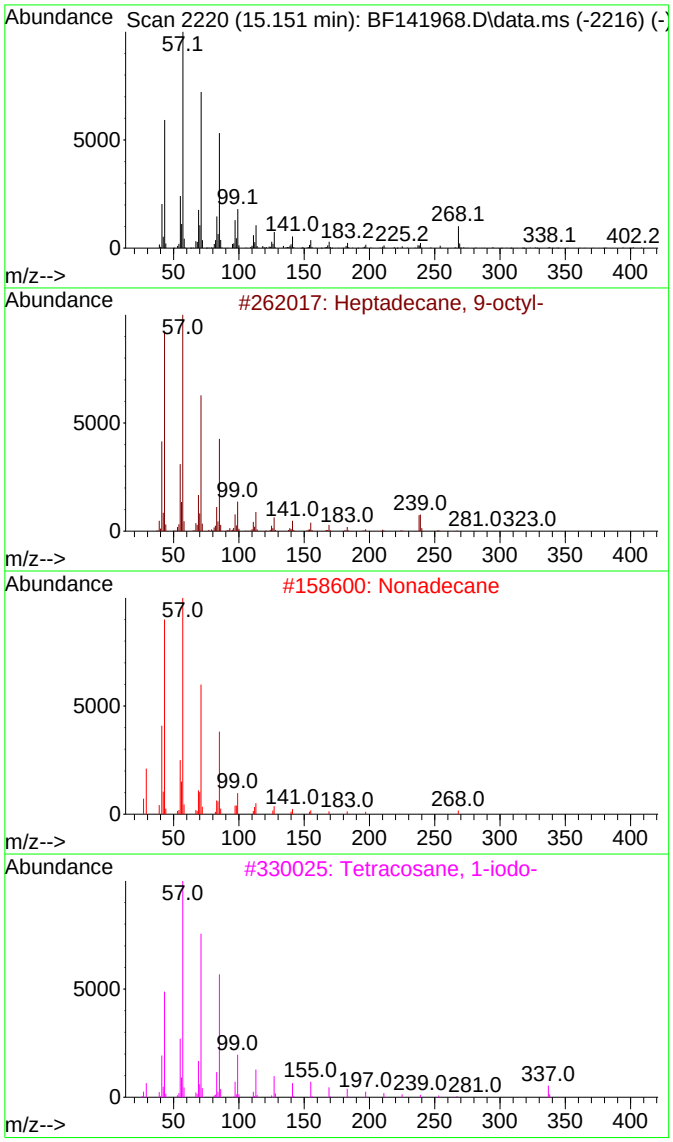
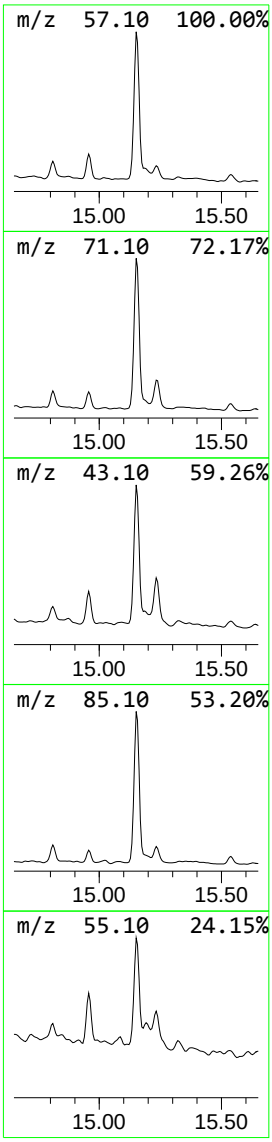
Peak Number 19 Heptadecane, 9-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.151	15.97 ng	534276	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Tetratetracontane	619	C44H90	007098-22-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141968.D
Acq On : 14 Mar 2025 16:37
Operator : RC/JU
Sample : Q1552-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-418-JB-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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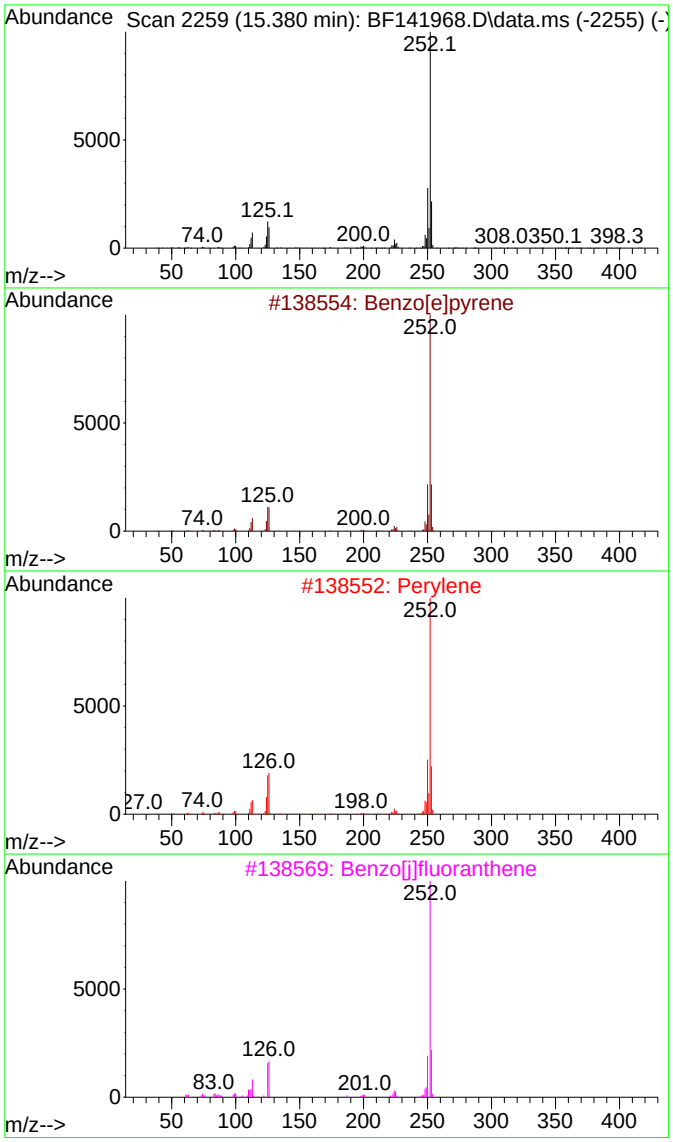
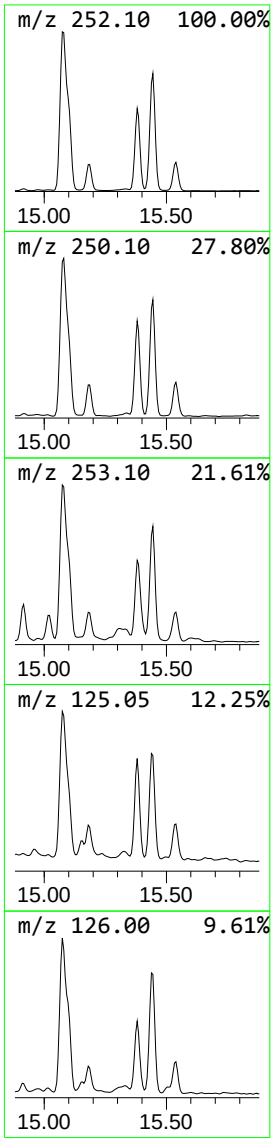
Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	13.35 ng	446536	Perylene-d12	15.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
Data File : BF141968.D
Acq On : 14 Mar 2025 16:37
Operator : RC/JU
Sample : Q1552-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-418-JB-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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...	2.163	37.6	ng	1565900	1	6.875	832815	20.0
Naphthalene, 2,...	9.569	2.9	ng	144246	3	9.910	993807	20.0
Benzophenone	10.621	5.5	ng	273982	3	9.910	993807	20.0
9H-Fluorene, 1-...	11.004	4.0	ng	161660	4	11.398	818949	20.0
Dibenzothiophene	11.292	4.2	ng	170858	4	11.398	818949	20.0
Anthracene, 2-m...	11.921	32.4	ng	1327530	4	11.398	818949	20.0
Phenanthrene, 2...	11.974	3.9	ng	161395	4	11.398	818949	20.0
4H-Cyclopenta[d...	12.010	18.8	ng	767637	4	11.398	818949	20.0
5,16[1',2']:8,1...	12.192	5.2	ng	212373	4	11.398	818949	20.0
Phenanthrene, 2...	12.451	5.0	ng	203981	4	11.398	818949	20.0
unknown12.486	12.486	3.8	ng	156985	4	11.398	818949	20.0
Octadecanoic acid	12.704	2.4	ng	99936	4	11.398	818949	20.0
11H-Benzo[b]flu...	13.163	4.5	ng	543705	5	14.033	2418550	20.0
11H-Benzo[a]flu...	13.233	2.9	ng	344723	5	14.033	2418550	20.0
11H-Benzo[a]flu...	13.668	2.4	ng	286319	5	14.033	2418550	20.0
Pentadecafluoro...	13.880	3.7	ng	448258	5	14.033	2418550	20.0
Tetracosane	14.504	5.6	ng	674955	5	14.033	2418550	20.0
Octadecanal	14.957	5.7	ng	190638	6	15.509	669118	20.0
Heptadecane, 9-...	15.151	16.0	ng	534276	6	15.509	669118	20.0
Benzo[e]pyrene	15.380	13.4	ng	446536	6	15.509	669118	20.0