LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052764.D
Acq On : 21 Mar 2022 12:12
Operator : CG/JU
Sample : N1983-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 124019

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_G\Methods\8270-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG052764.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.702	386	394	403	rBV	651557	1050312	29.28%	3.180%
2	7.294	656	665	677	rBV	680073	1215242	33.87%	3.679%
3	8.146	801	810	816	rBV	182679	314027	8.75%	0.951%
4	9.303	997	1007	1017	rBV	417807	766195	21.36%	2.319%
5	10.960	1281	1289	1293	rBV	234382	442385	12.33%	1.339%
6	11.007	1293	1297	1305	rVB	147430	271245	7.56%	0.821%
7	12.605	1559	1569	1576	rBV	297562	505716	14.10%	1.531%
8	12.716	1582	1588	1593	rBV2	32826	56207	1.57%	0.170%
9	12.822	1598	1606	1617	rVB	192969	331197	9.23%	1.003%
10	13.392	1695	1703	1710	rVB	1004566	1579540	44.03%	4.782%
11	13.603	1732	1739	1749	rBV	134783	223265	6.22%	0.676%
12	13.797	1767	1772	1783	rVB	48672	97452	2.72%	0.295%
13	13.944	1788	1797	1804	rVV4	81564	216965	6.05%	0.657%
14	14.085	1812	1821	1827	rBV	126646	250098	6.97%	0.757%
15	14.144	1827	1831	1839	rVB	81520	135232	3.77%	0.409%
16	14.326	1851	1862	1865	rBV2	57428	93642	2.61%	0.283%
17	14.484	1880	1889	1895	rVB3	34721	67422	1.88%	0.204%
18	14.766	1925	1937	1942	rBV2	378054	716114	19.96%	2.168%
19	14.831	1942	1948	1954	rVV	666135	1098433	30.62%	3.325%
20	14.890	1954	1958	1962	rVB	30687	47433	1.32%	0.144%
21	14.972	1965	1972	1981	rBV2	23824	68664	1.91%	0.208%
22	15.072	1981	1989	1994	rBV3	35029	67579	1.88%	0.205%
23	15.160	1998	2004	2011	rVV	535152	830929	23.16%	2.515%
24	15.236	2011	2017	2022	rVV	38788	56688	1.58%	0.172%
25	15.377	2034	2041	2046	rBV3	31418	60800	1.69%	0.184%
26	15.430	2046	2050	2056	rVB	36590	53945	1.50%	0.163%
27	15.553	2063	2071	2075	rBV3	32314	71248	1.99%	0.216%
28	15.677	2088	2092	2096	rBV4	28116	48389	1.35%	0.146%
29	15.724	2096	2100	2107	rVV6	25801	51875	1.45%	0.157%
30	15.812	2107	2115	2124	rVB	758213	1239288	34.54%	3.752%
31	15.906	2124	2131	2133	rBV2	42043	74373	2.07%	0.225%
32	15.935	2133	2136	2138	rVV2	64948	91083	2.54%	0.276%
33	15.971	2138	2142	2147	rVV2	114825	188125	5.24%	0.570%
34	16.018	2147	2150	2154	rVV4	38234	65544	1.83%	0.198%
35	16.059	2154	2157	2160	rVV2	53965	85249	2.38%	0.258%
36	16.100	2160	2164	2172	rVB	143413	238972	6.66%	0.723%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052764.D
Acq On : 21 Mar 2022 12:12
Operator : CG/JU
Sample : N1983-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
124019

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_G\Methods\8270-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.247	2181	2189	2197	rBV2	999878	1618746	45.12%	4.900%
38	16.311	2197	2200	2202	rVV3	27319	40538	1.13%	0.123%
39	16.341	2202	2205	2210	rVB2	31735	51851	1.45%	0.157%
40	16.464	2219	2226	2237	rBV8	50660	145121	4.05%	0.439%
41	16.605	2246	2250	2256	rVB4	27972	51172	1.43%	0.155%
42	16.811	2275	2285	2290	rBV4	101823	245582	6.85%	0.743%
43	16.858	2290	2293	2299	rVB4	43736	70130	1.95%	0.212%
44	16.957	2306	2310	2316	rVB4	51461	90723	2.53%	0.275%
45	17.040	2316	2324	2327	rBV4	53058	118274	3.30%	0.358%
46	17.081	2327	2331	2334	rVB3	35896	54358	1.52%	0.165%
47	17.157	2340	2344	2351	rVB6	31040	65634	1.83%	0.199%
48	17.239	2351	2358	2359	rBV3	56619	83449	2.33%	0.253%
49	17.328	2368	2373	2381	rVB	217665	355936	9.92%	1.078%
50	17.510	2398	2404	2407	rBV	457240	752183	20.97%	2.277%
51	17.557	2407	2412	2418	rVV	2317409	3587544	100.00%	10.860%
52	17.645	2418	2427	2431	rVV	288831	526049	14.66%	1.592%
53	17.698	2431	2436	2441	rVB3	55293	99548	2.77%	0.301%
54	17.903	2462	2471	2476	rBV2	159845	307765	8.58%	0.932%
55	18.027	2489	2492	2498	rVB2	34934	53989	1.50%	0.163%
56	18.091	2499	2503	2509	rBV3	25297	47556	1.33%	0.144%
57	18.232	2523	2527	2535	rVB3	25702	52251	1.46%	0.158%
58	18.385	2543	2553	2557	rBV	250494	423930	11.82%	1.283%
59	18.432	2557	2561	2567	rVB	246908	380209	10.60%	1.151%
60	18.514	2569	2575	2580	rBV	86979	140460	3.92%	0.425%
61	18.579	2580	2586	2591	rBV3	308990	604250	16.84%	1.829%
62	18.878	2632	2637	2641	rBV	145428	234745	6.54%	0.711%
63	19.172	2683	2687	2690	rBV2	33063	37787	1.05%	0.114%
64	19.295	2701	2708	2713	rBV3	54981	122078	3.40%	0.370%
65	19.354	2713	2718	2727	rVB7	38934	99433	2.77%	0.301%
66	19.431	2727	2731	2735	rBV4	31399	53078	1.48%	0.161%
67	19.554	2746	2752	2759	rVB	1277755	1855857	51.73%	5.618%
68	19.654	2765	2769	2773	rVB3	55676	77067	2.15%	0.233%
69	19.795	2790	2793	2802	rVB	47704	92756	2.59%	0.281%
70	19.889	2803	2809	2810	rBV2	231797	335636	9.36%	1.016%
71	19.918	2810	2814	2822	rVV	785582	1150362	32.07%	3.482%
72	19.983	2822	2825	2832	rVB2	53070	84470	2.35%	0.256%
73	20.112	2832	2847	2852	rBV	1966761	2673992	74.54%	8.095%
74	20.241	2862	2869	2875	rBV4	51305	140900	3.93%	0.427%
75	20.406	2893	2897	2903	rVB	132904	207822	5.79%	0.629%
76	20.506	2909	2914	2918	rBV	132891	176163	4.91%	0.533%

LSC Area Percent Report

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Operator : CG/JU
Sample : N1983-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
124019

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_G\Methods\8270-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.558	2918	2923	2928	rVV3	49729	101115	2.82%	0.306%
78	20.752	2952	2956	2960	rVB	21933	36907	1.03%	0.112%
79	21.369	3056	3061	3064	rBV	38055	63089	1.76%	0.191%
80	21.428	3064	3071	3075	rVV3	72039	147472	4.11%	0.446%
81	21.680	3110	3114	3120	rVB2	62477	90297	2.52%	0.273%
82	21.792	3125	3133	3138	rVV2	513904	1180336	32.90%	3.573%
83	21.839	3138	3141	3150	rVB	134537	234483	6.54%	0.710%
84	21.998	3164	3168	3174	rBV3	34404	59681	1.66%	0.181%
85	24.054	3511	3518	3525	rBV2	56425	183114	5.10%	0.554%
86	25.111	3688	3698	3707	rBV2	290409	856563	23.88%	2.593%

Sum of corrected areas: 33033324

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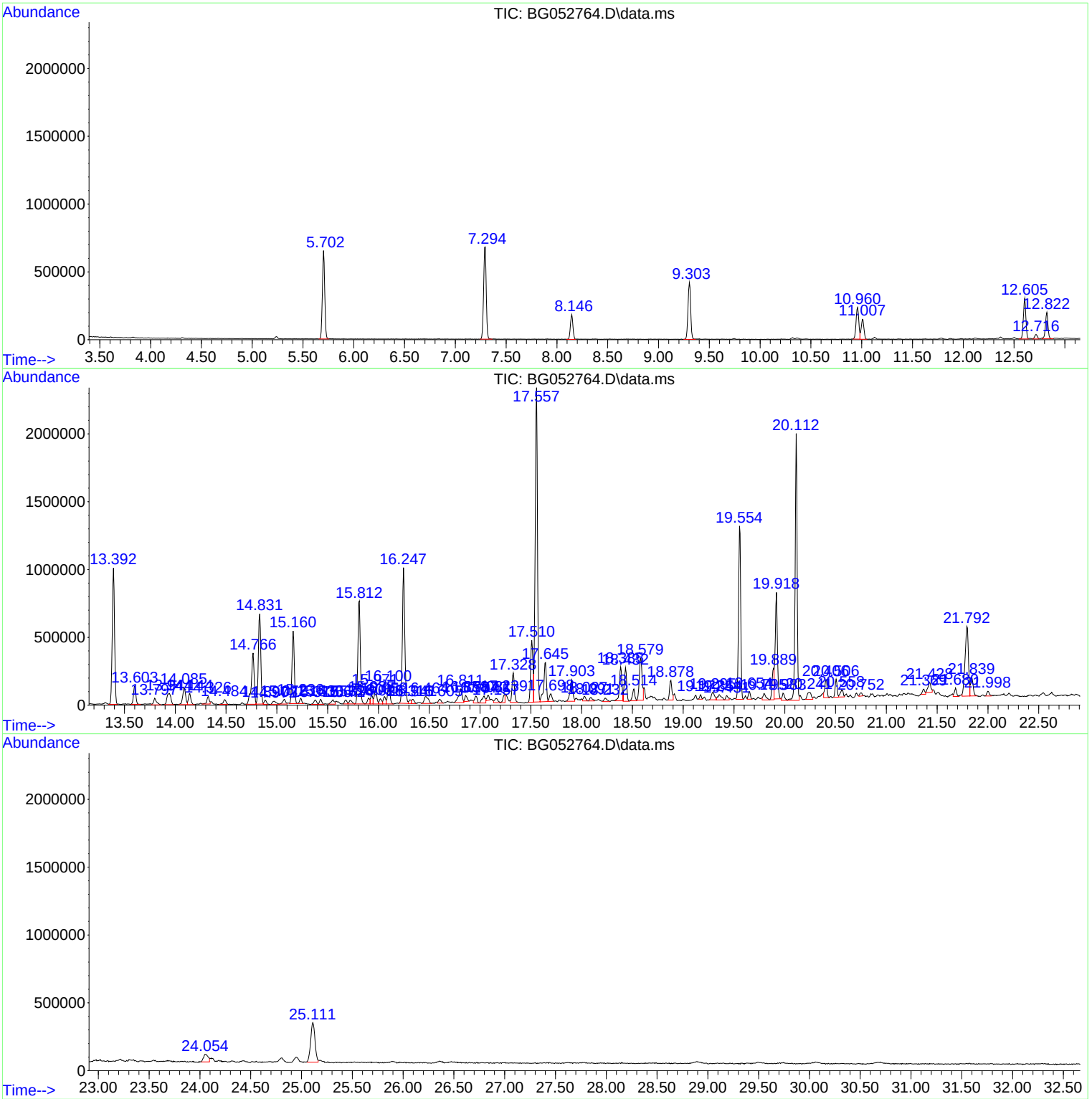
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
124019

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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_G\Data\BG032122\
Data File : BG052764.D
Acq On : 21 Mar 2022 12:12
Operator : CG/JU
Sample : N1983-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
124019

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

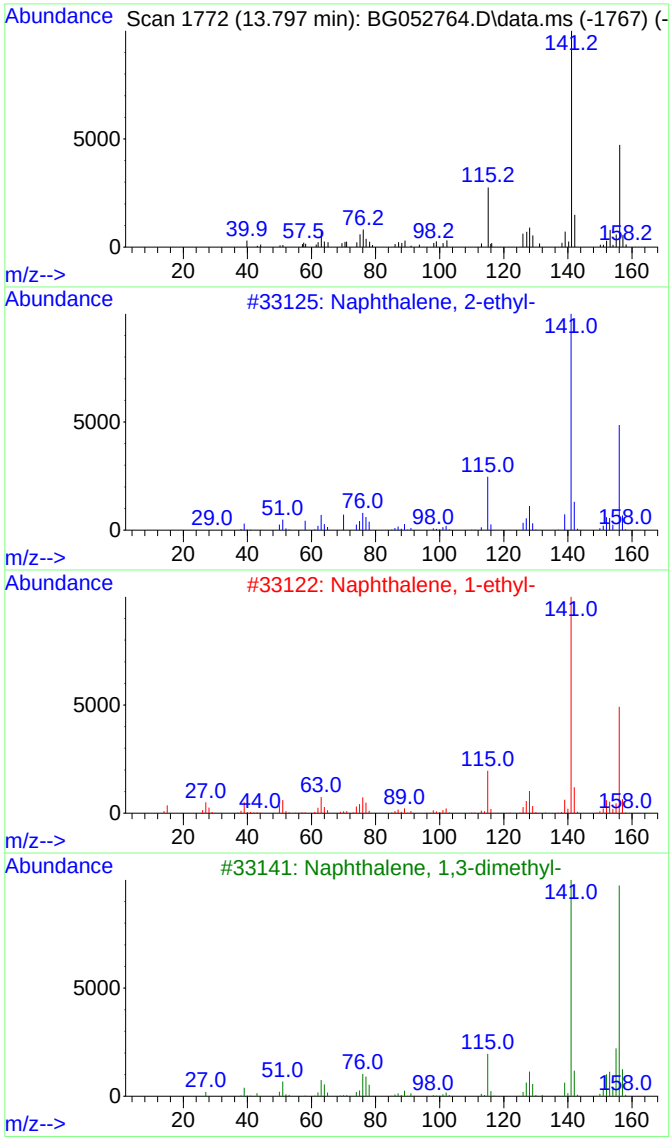
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

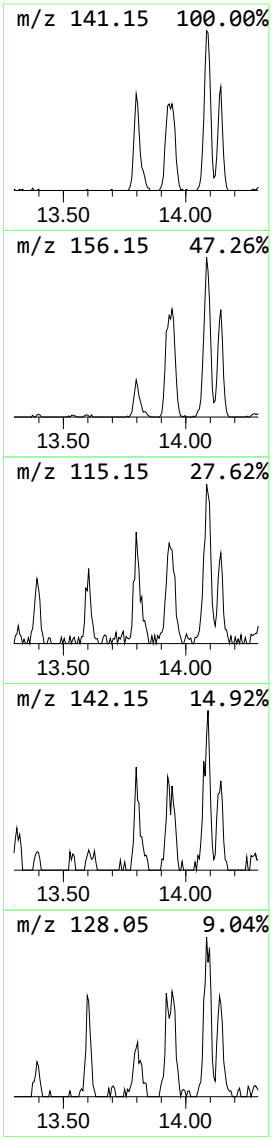
****

Peak Number 1 Naphthalene, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.797	2.72 ng	97452	Acenaphthene-d10	14.766

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	86
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	83
5	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052764.D
Acq On : 21 Mar 2022 12:12
Operator : CG/JU
Sample : N1983-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
124019

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

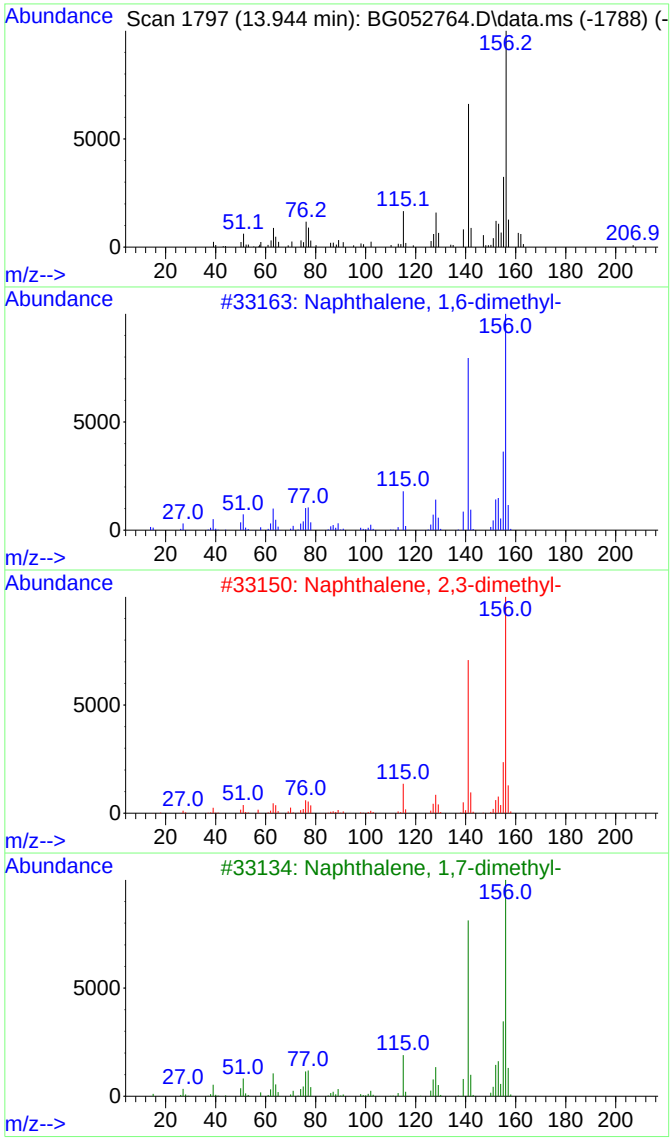
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

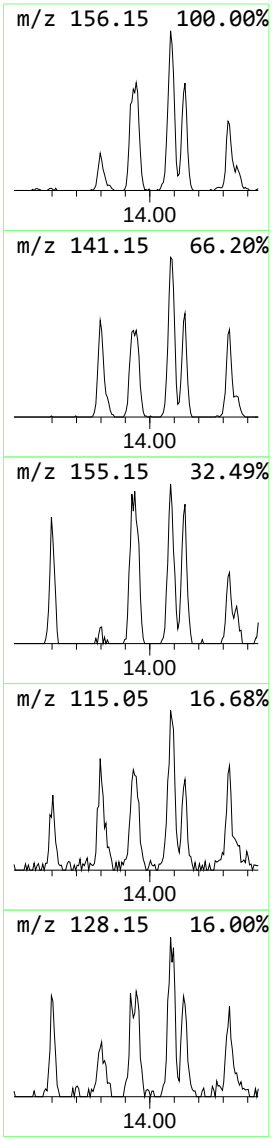
****

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.944	6.06 ng	216965	Acenaphthene-d10	14.766

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052764.D
Acq On : 21 Mar 2022 12:12
Operator : CG/JU
Sample : N1983-05
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
124019

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

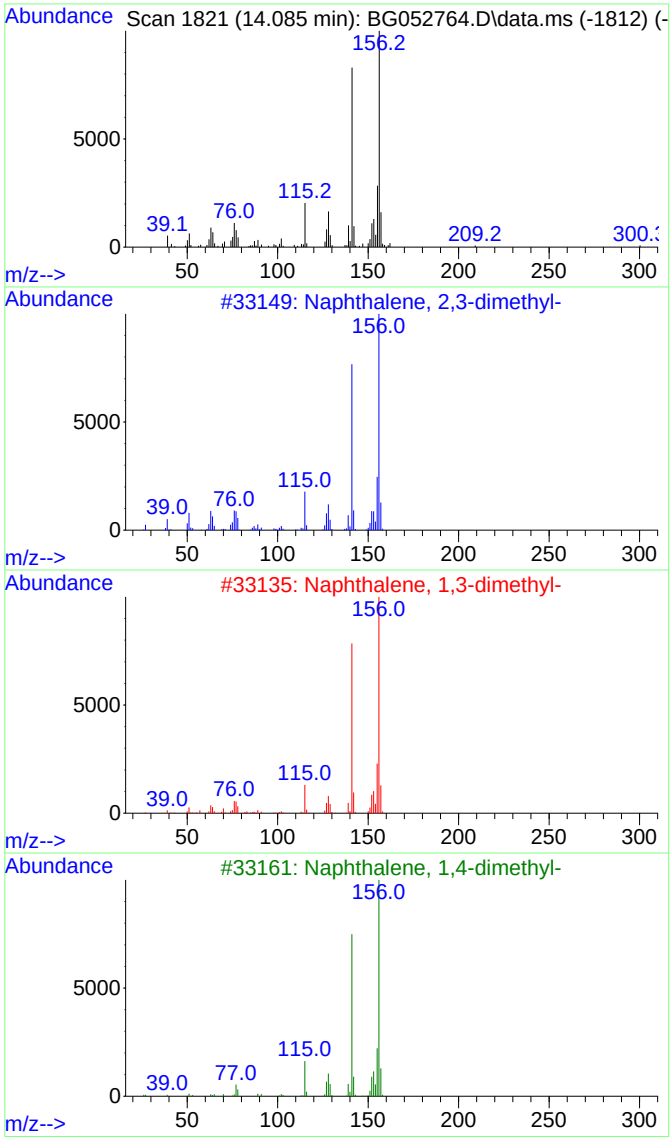
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

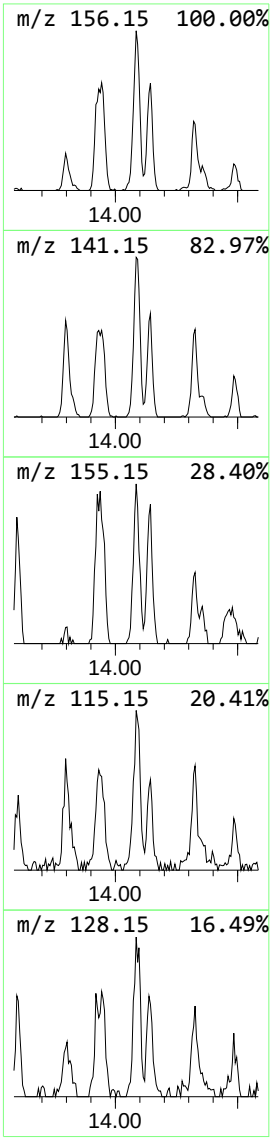
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.085	6.98 ng	250098	Acenaphthene-d10	14.766

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
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Acq On : 21 Mar 2022 12:12
Operator : CG/JU
Sample : N1983-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

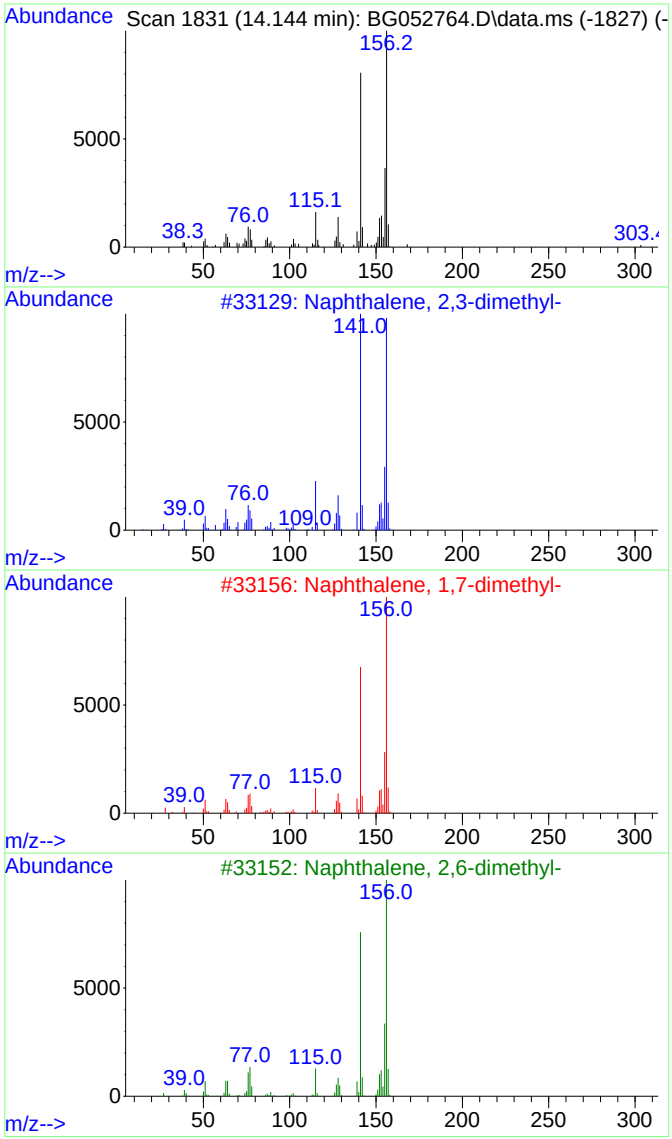
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

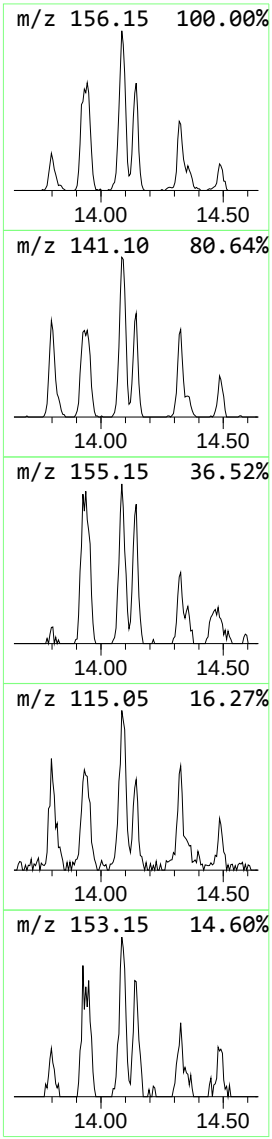
****

Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.144	3.78 ng	135232	Acenaphthene-d10	14.766

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052764.D
Acq On : 21 Mar 2022 12:12
Operator : CG/JU
Sample : N1983-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
124019

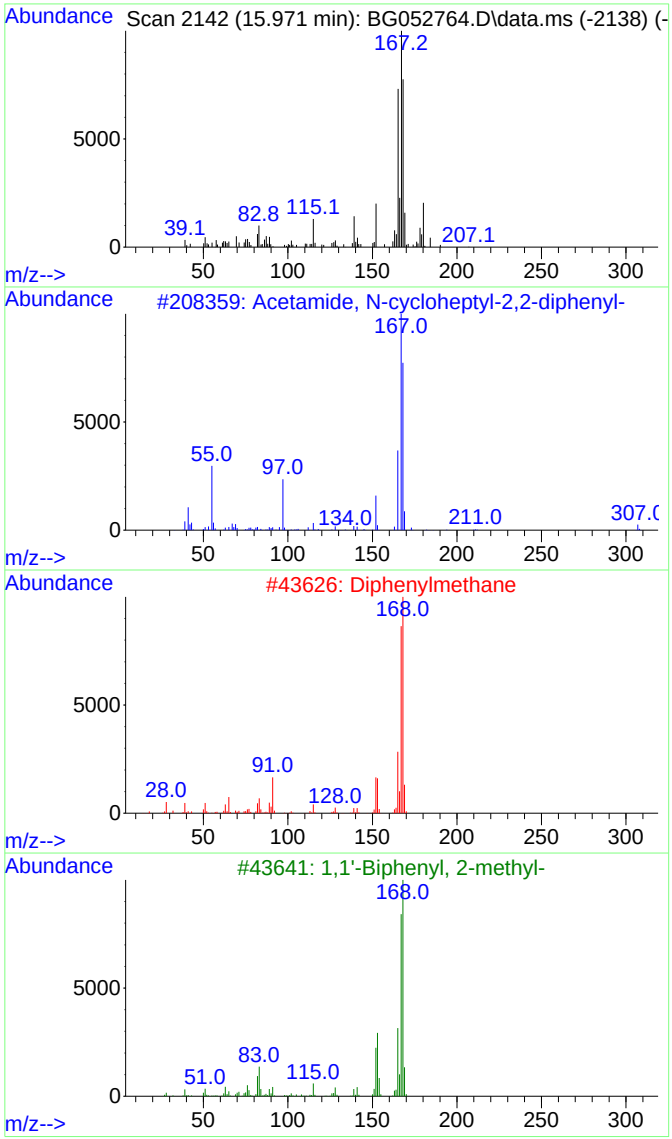
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

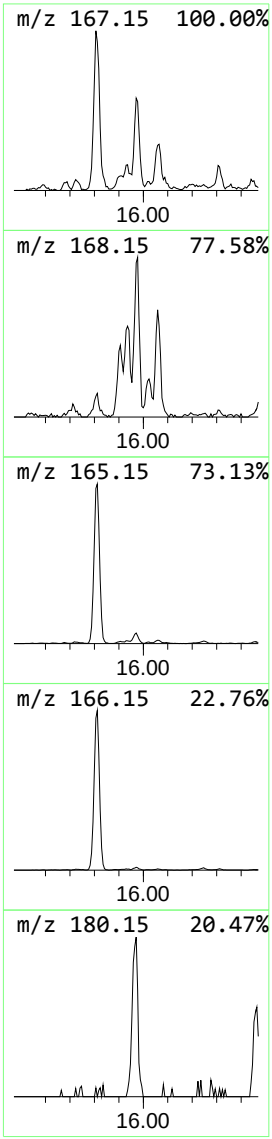
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Acetamide, N-cycloheptyl-2,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.971	5.25 ng	188125	Acenaphthene-d10	14.766

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-cycloheptyl-2,2-dip...	307	C21H25NO	351062-01-6	50
2	Diphenylmethane	168	C13H12	000101-81-5	43
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	41
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052764.D
Acq On : 21 Mar 2022 12:12
Operator : CG/JU
Sample : N1983-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
124019

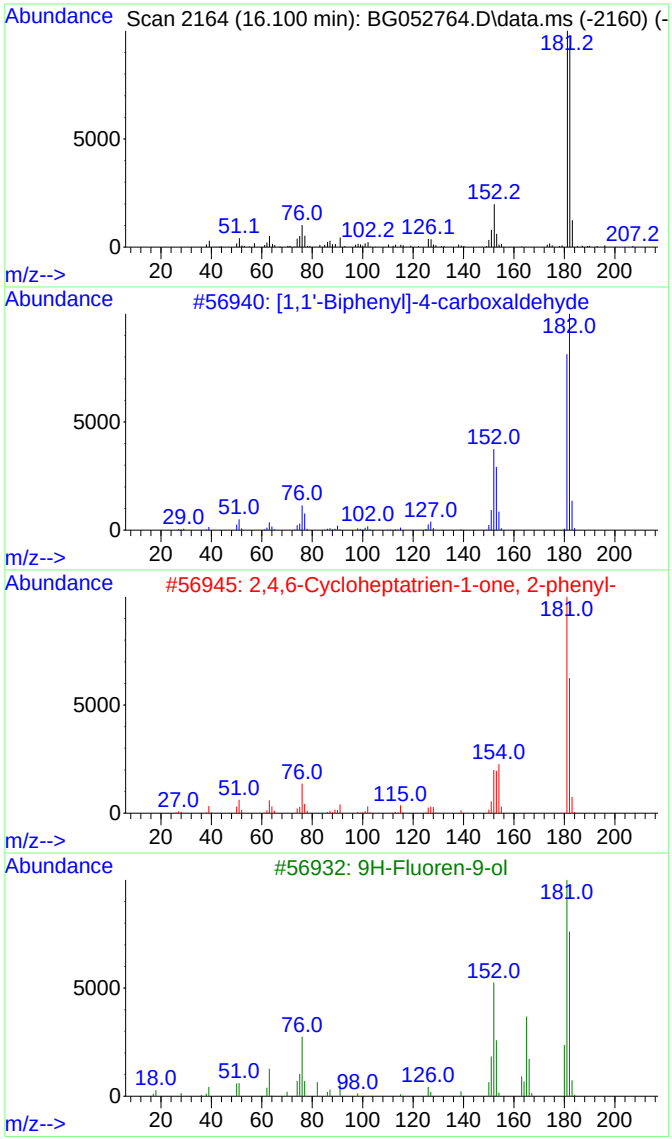
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

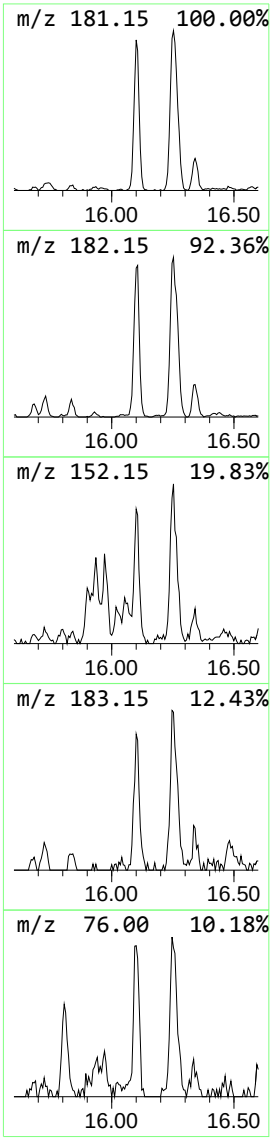
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.100	6.67 ng	238972	Acenaphthene-d10	14.766

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	74
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	68





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Acq On : 21 Mar 2022 12:12
Operator : CG/JU
Sample : N1983-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
124019

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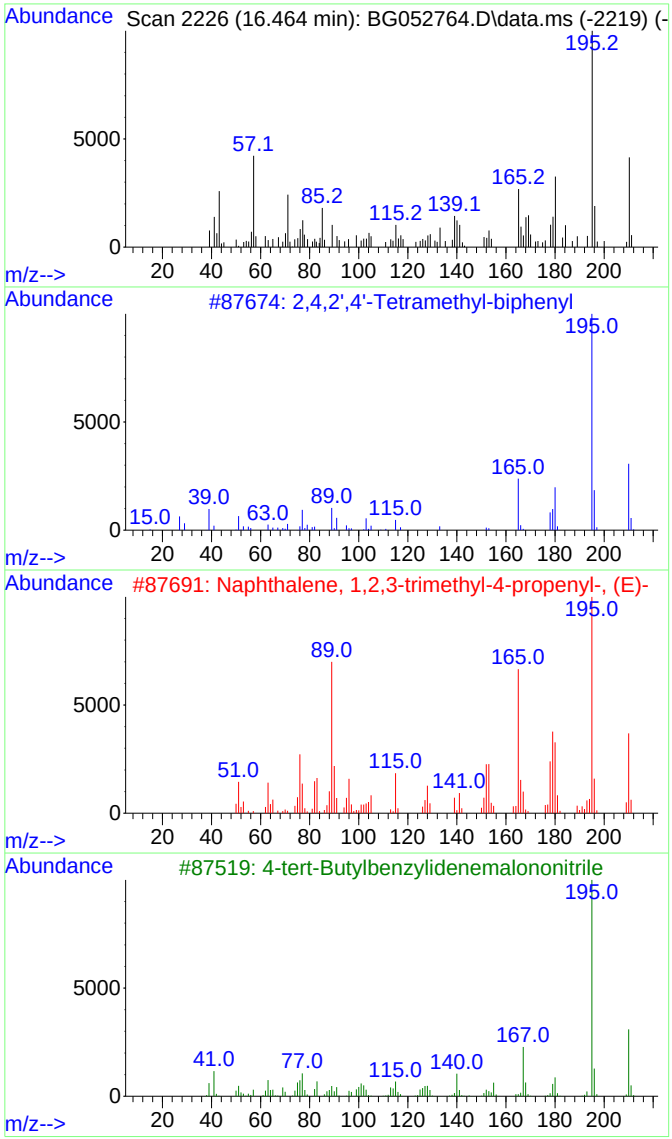
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

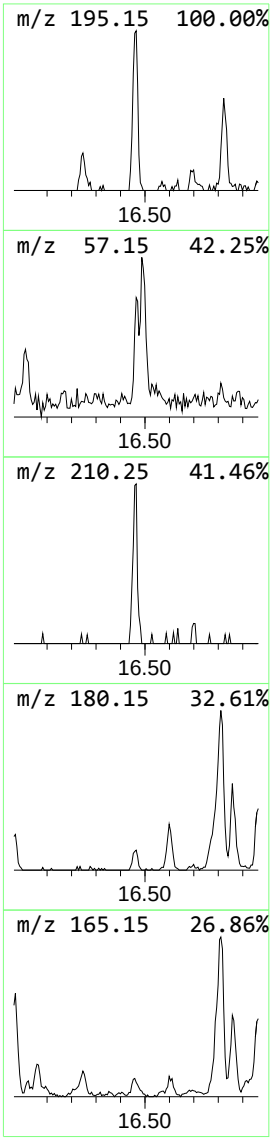
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,4,2',4'-Tetramethyl-biphenyl Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.464	3.86 ng	145121	Phenanthrene-d10	17.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,2',4'-Tetramethyl-biphenyl	210	C16H18	1000486-97-7	87
2	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	72
3	4-tert-Butylbenzylidenemalononit...	210	C14H14N2	149550-23-2	52
4	2',4',5'-Trimethoxyacetophenone	210	C11H14O4	1000433-06-4	49
5	1-Amino-9-fluorenone	195	C13H9NO	006344-62-3	42





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Sample : N1983-05
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Instrument :
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ClientSampleId :
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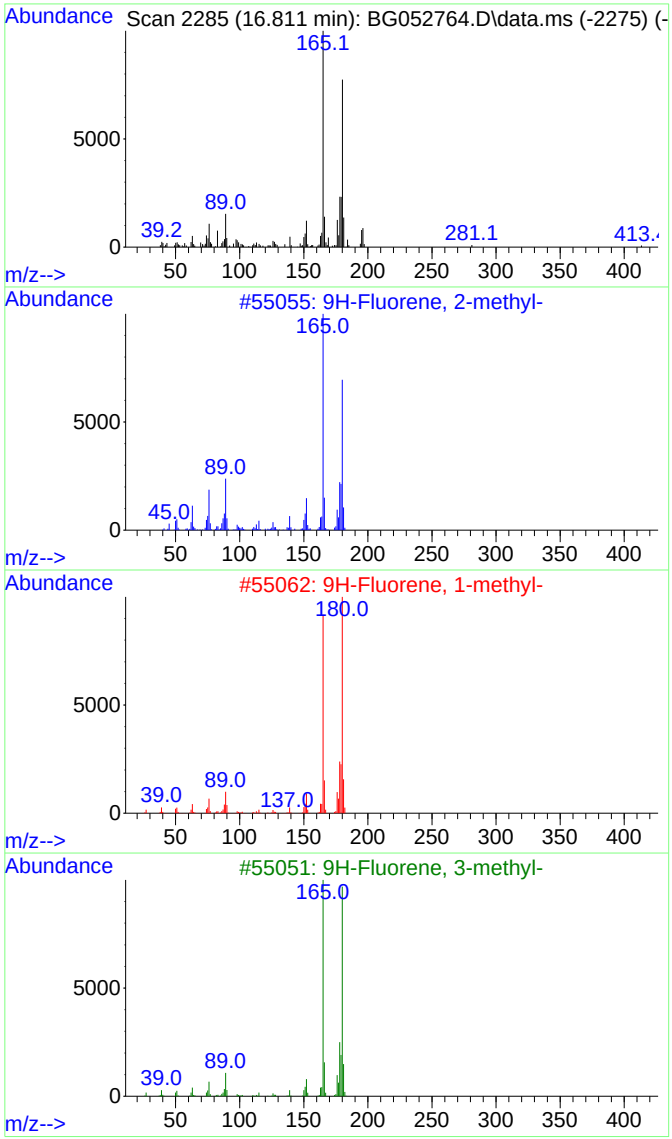
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

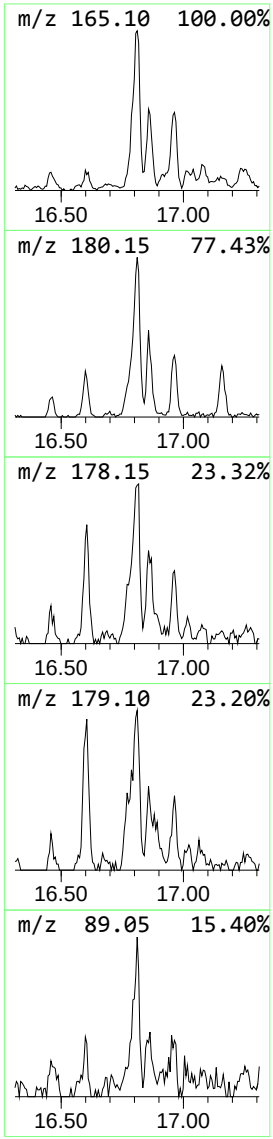
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9H-Fluorene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.811	6.53 ng	245582	Phenanthrene-d10	17.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	90





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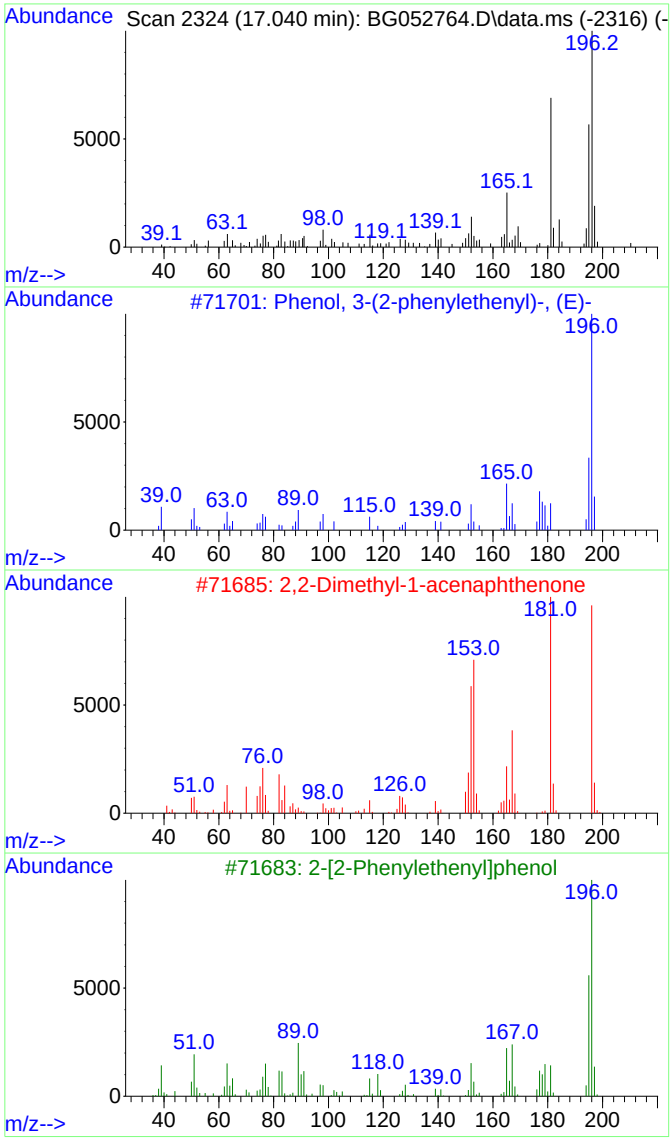
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

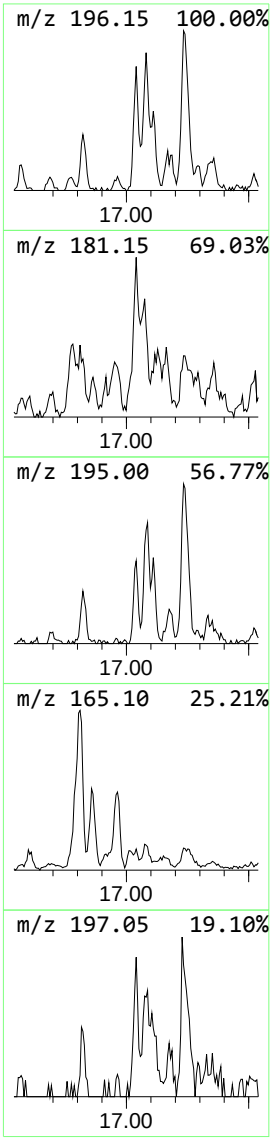
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenol, 3-(2-phenylethenyl)... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.040	3.14 ng	118274	Phenanthrene-d10	17.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	70
2	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	64
3	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	58
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	58
5	4,5-Dimethoxy-2-hydroxyacetophenone	196	C10H12O4	020628-06-2	45





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

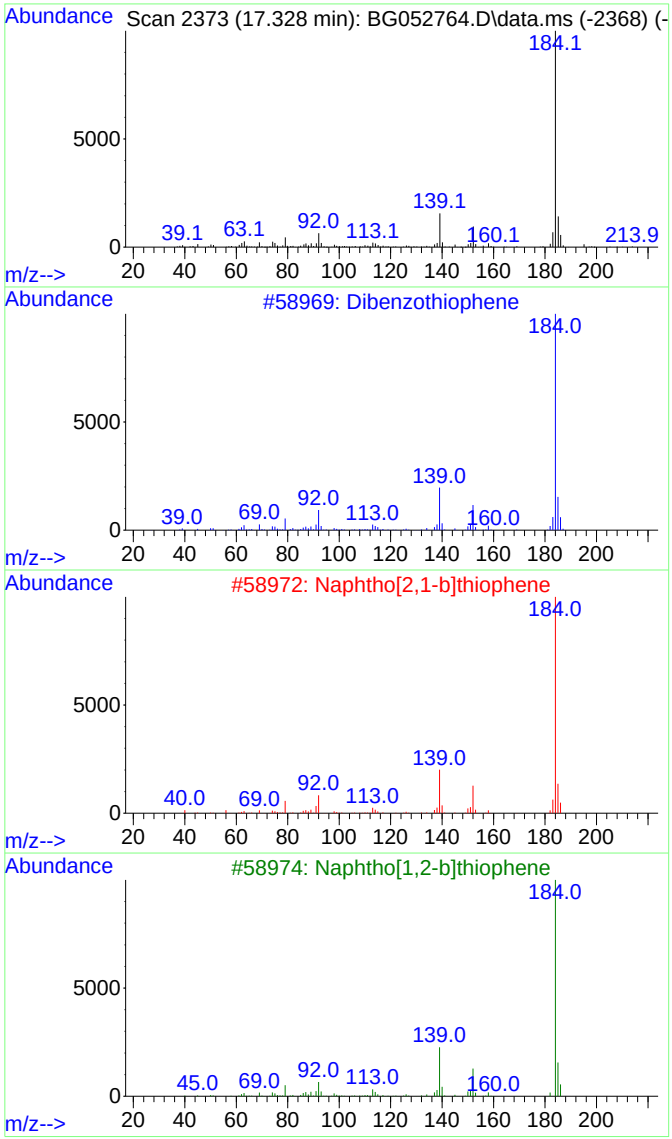
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

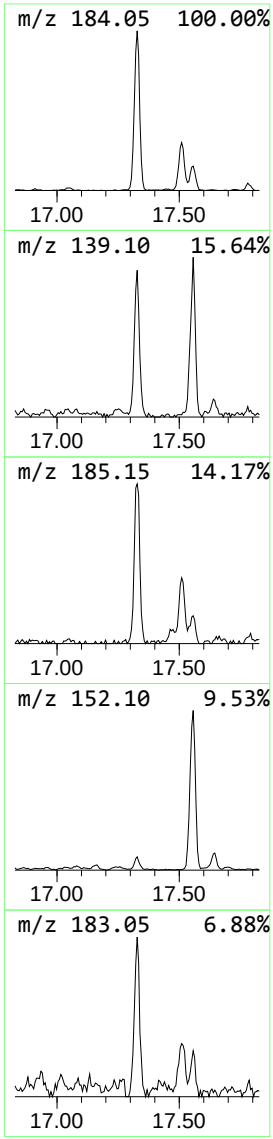
****

Peak Number 10 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.328	9.46 ng	355936	Phenanthrene-d10	17.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

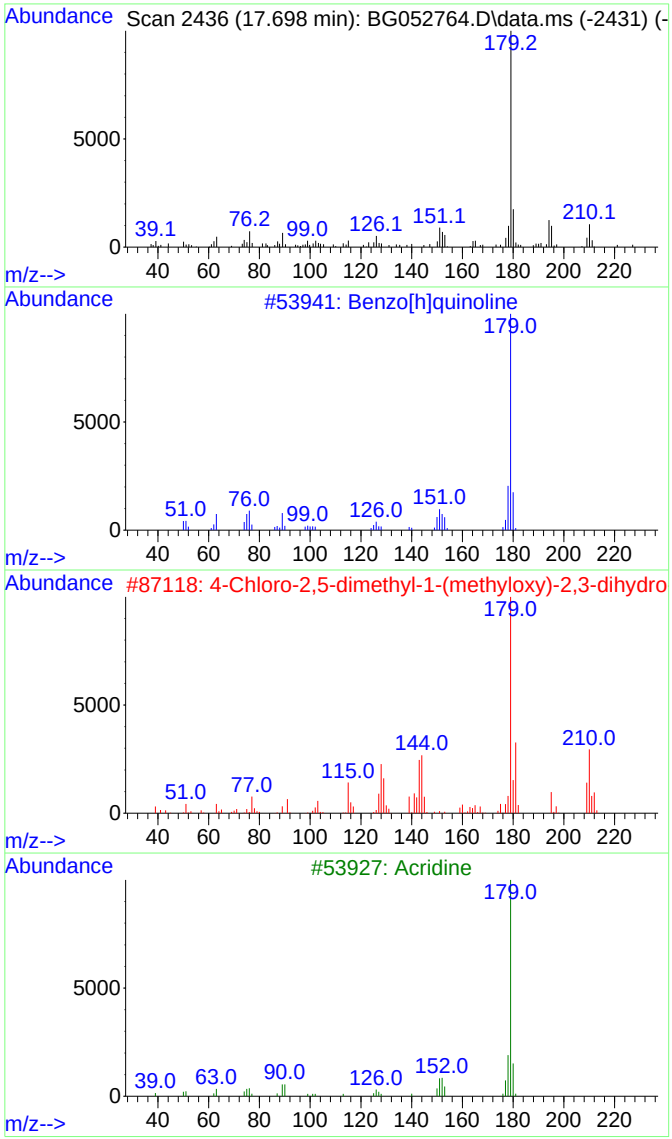
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

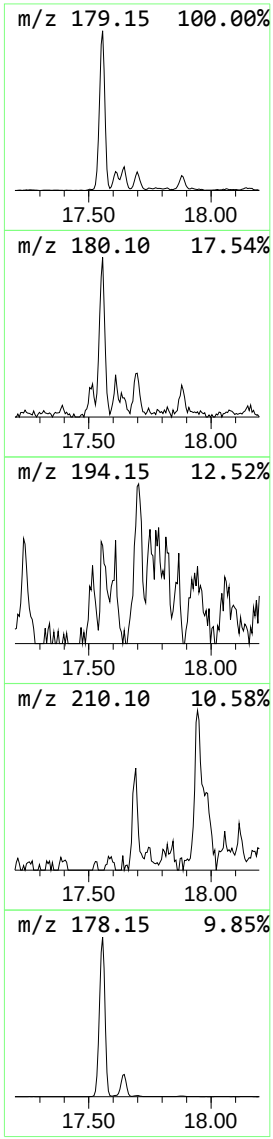
****

Peak Number 11 Benzo[h]quinoline Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.698	2.65 ng	99548	Phenanthrene-d10	17.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]quinoline	179	C13H9N	000230-27-3	70
2	4-Chloro-2,5-dimethyl-1-(methylo...	210	C12H15ClO	1000305-63-5	64
3	Acridine	179	C13H9N	000260-94-6	58
4	Anthracene, 9,10-dihydro-9-methyl-	194	C15H14	017239-99-5	53
5	Pyridine, 2-(phenylethynyl)-	179	C13H9N	013141-42-9	52





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Sample : N1983-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

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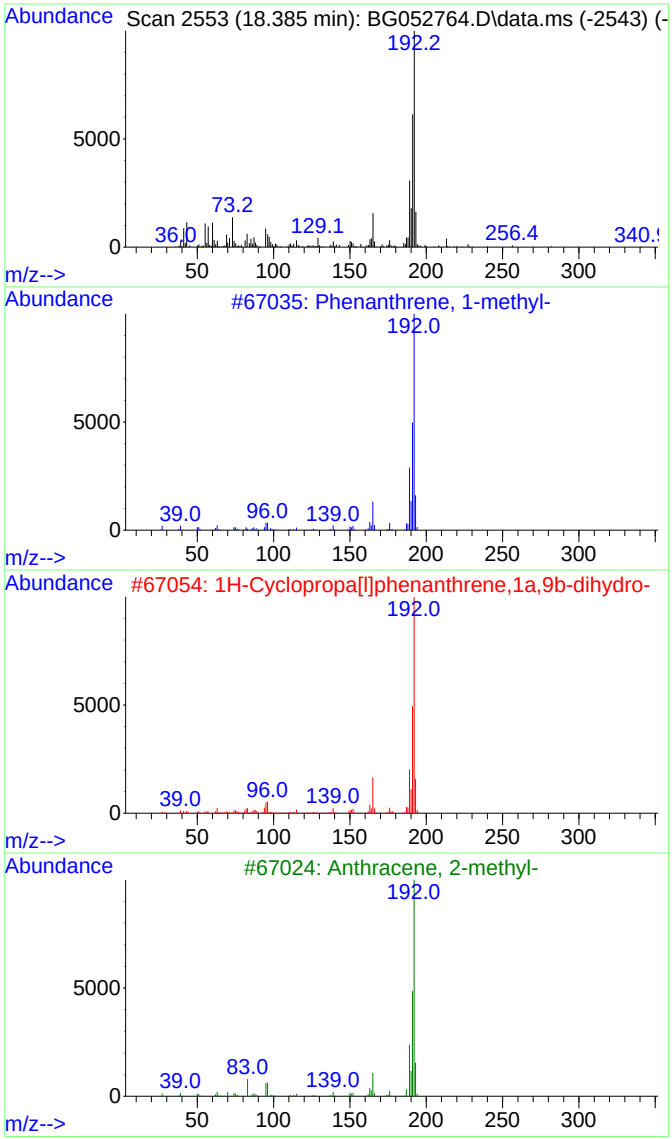
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

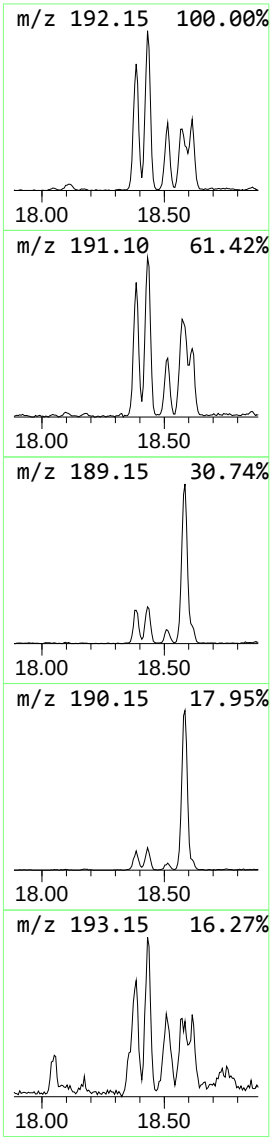
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.385	11.27 ng	423930	Phenanthrene-d10	17.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Sample : N1983-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

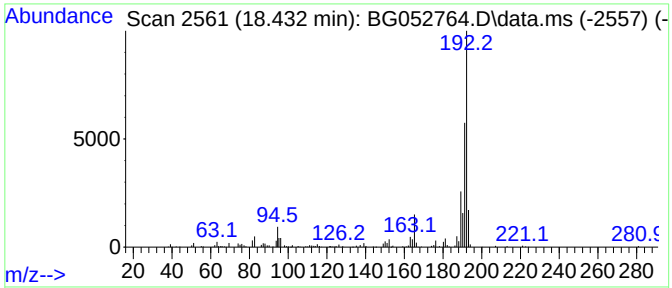
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

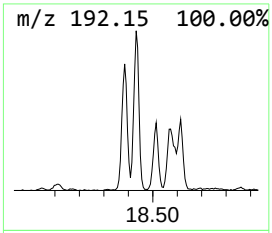
****

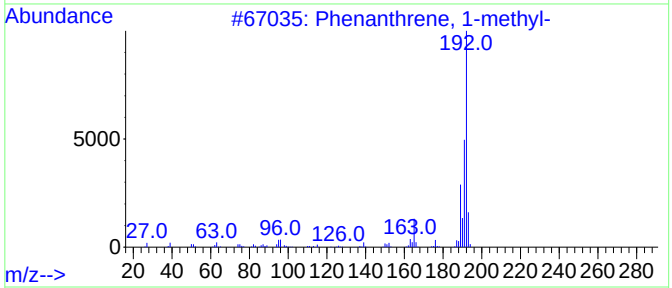
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 3

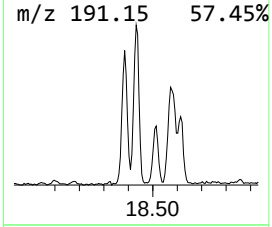
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.432	10.11 ng	380209	Phenanthrene-d10	17.510

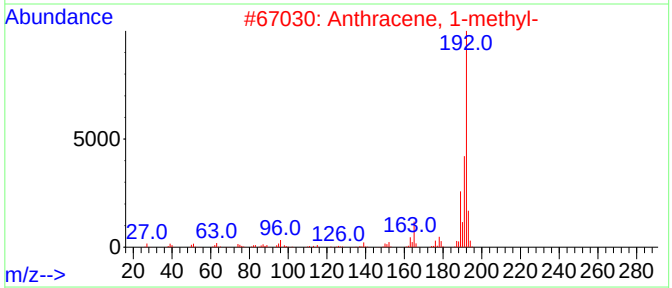
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93

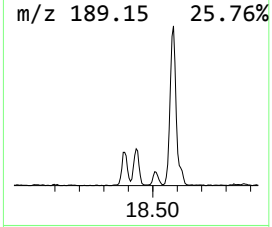


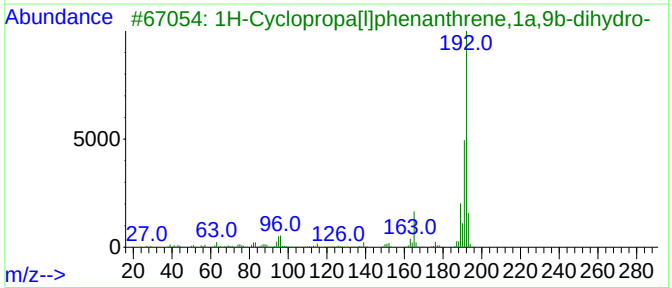


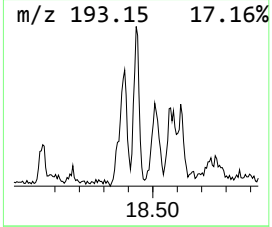


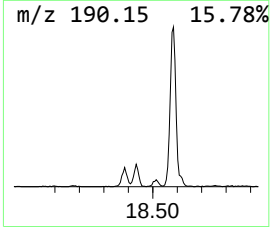












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Operator : CG/JU
Sample : N1983-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

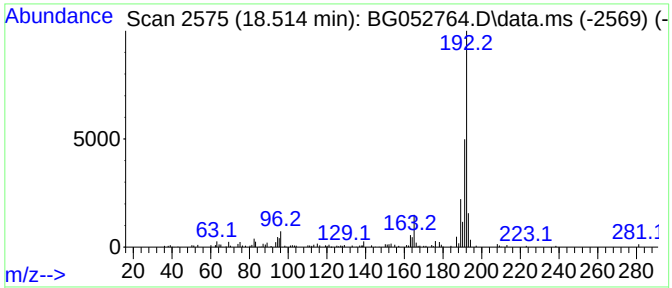
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

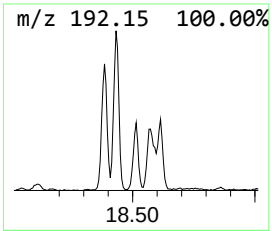
****

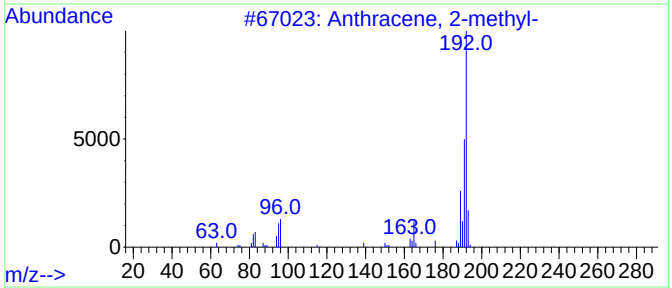
Peak Number 14 Anthracene, 2-methyl- Concentration Rank 13

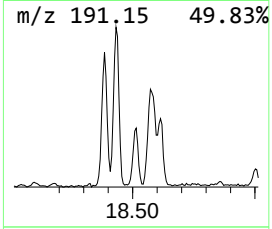
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.514	3.73 ng	140460	Phenanthrene-d10	17.510

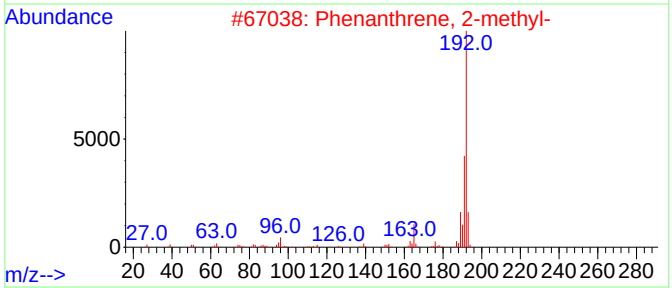
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90

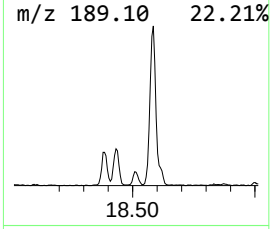


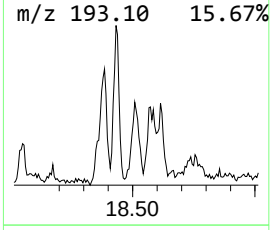


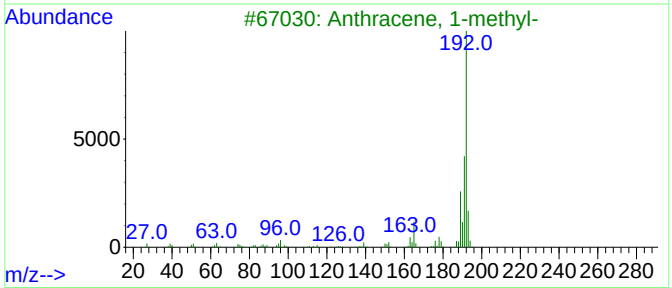


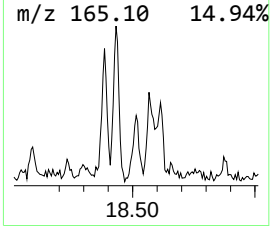












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Operator : CG/JU
Sample : N1983-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

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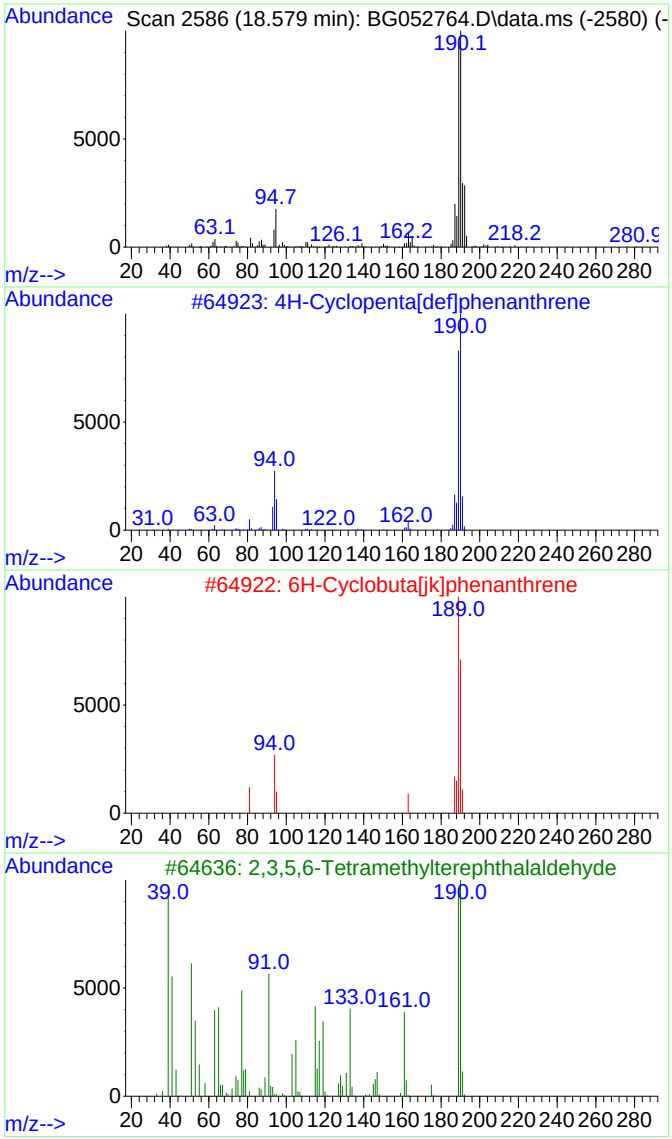
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

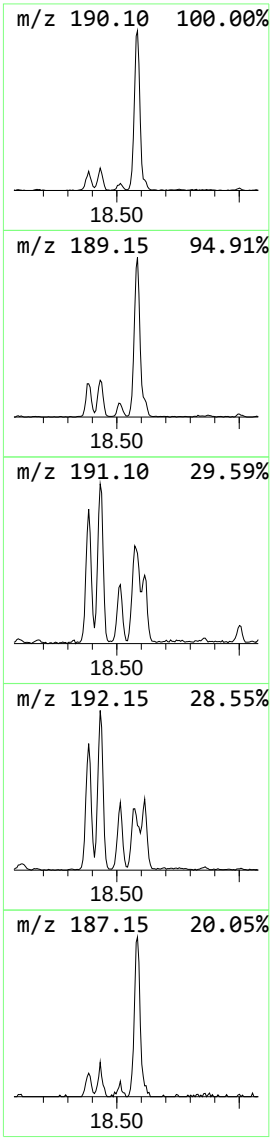
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.579	16.07 ng	604250	Phenanthrene-d10	17.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Acq On : 21 Mar 2022 12:12
Operator : CG/JU
Sample : N1983-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
124019

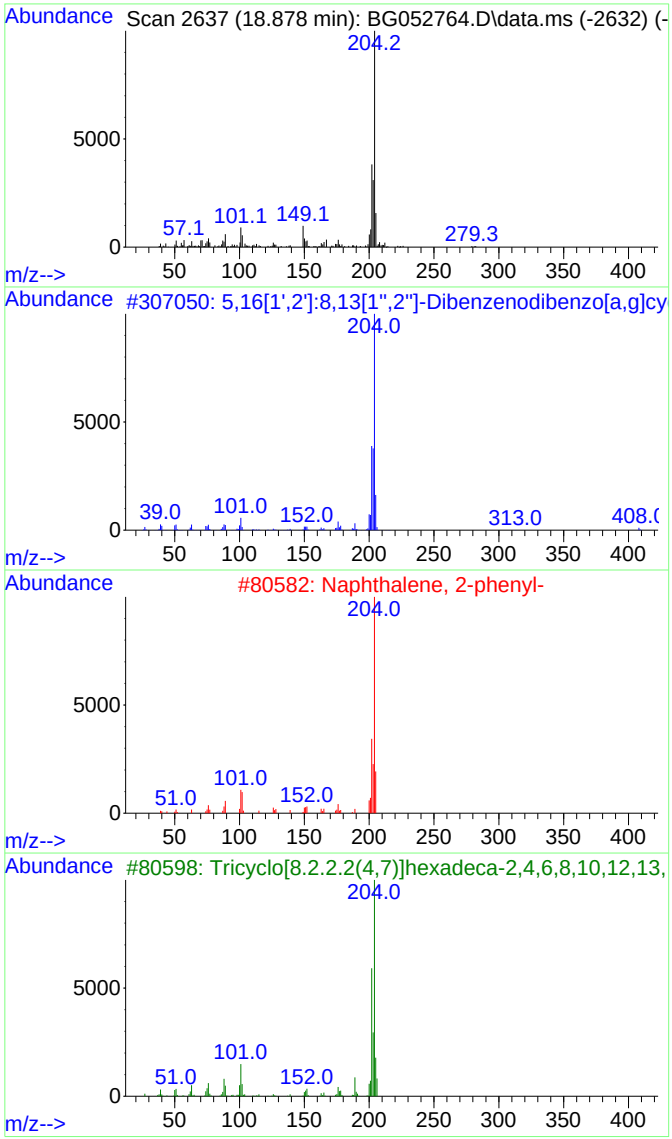
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

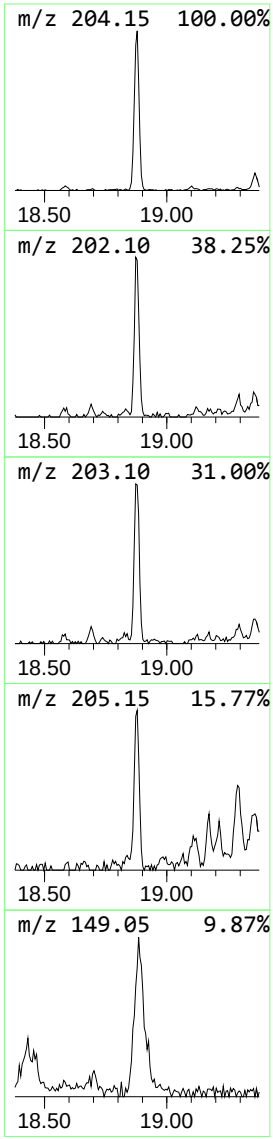
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.878	6.24 ng	234745	Phenanthrene-d10	17.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	50
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	49





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Operator : CG/JU
Sample : N1983-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
124019

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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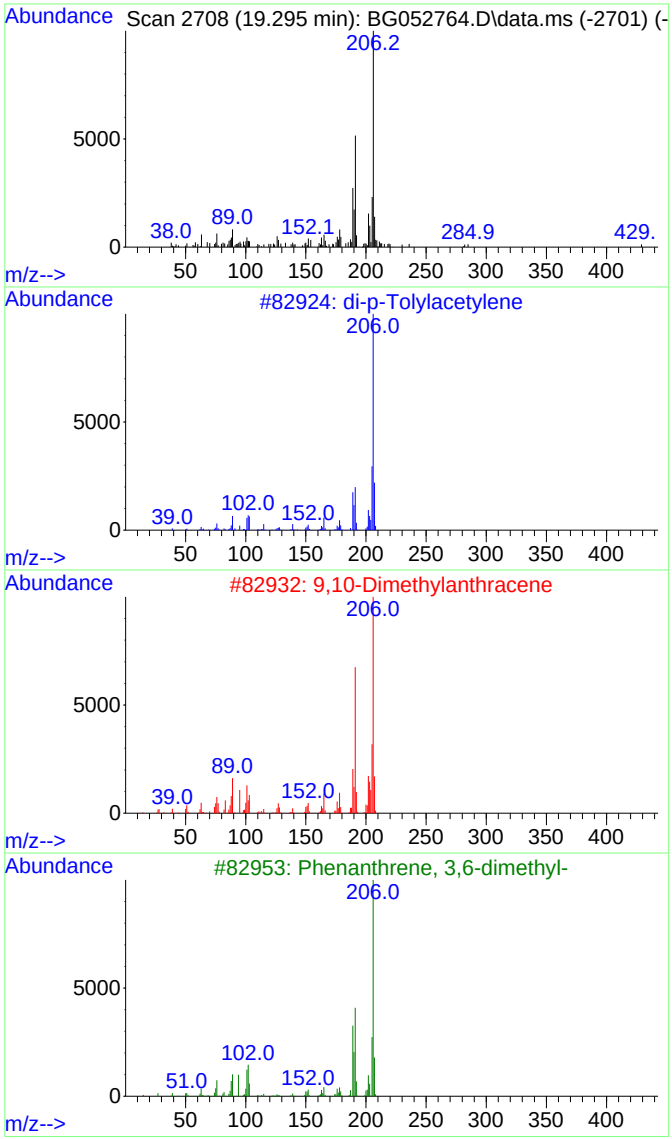
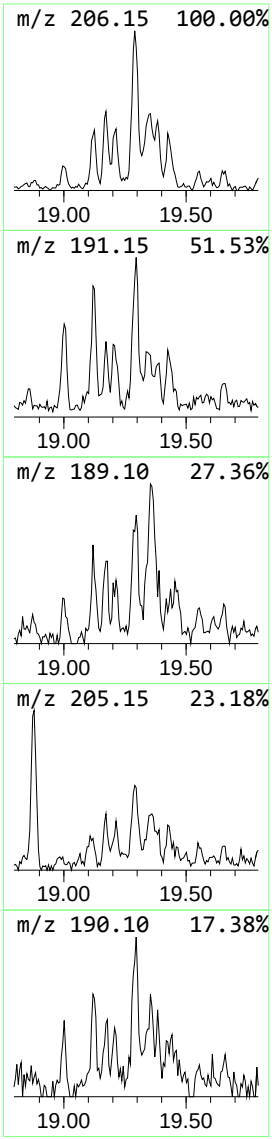
Peak Number 17 di-p-Tolylacetylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.296	3.25 ng	122078	Phenanthrene-d10	17.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	80





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Acq On : 21 Mar 2022 12:12
Operator : CG/JU
Sample : N1983-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
124019

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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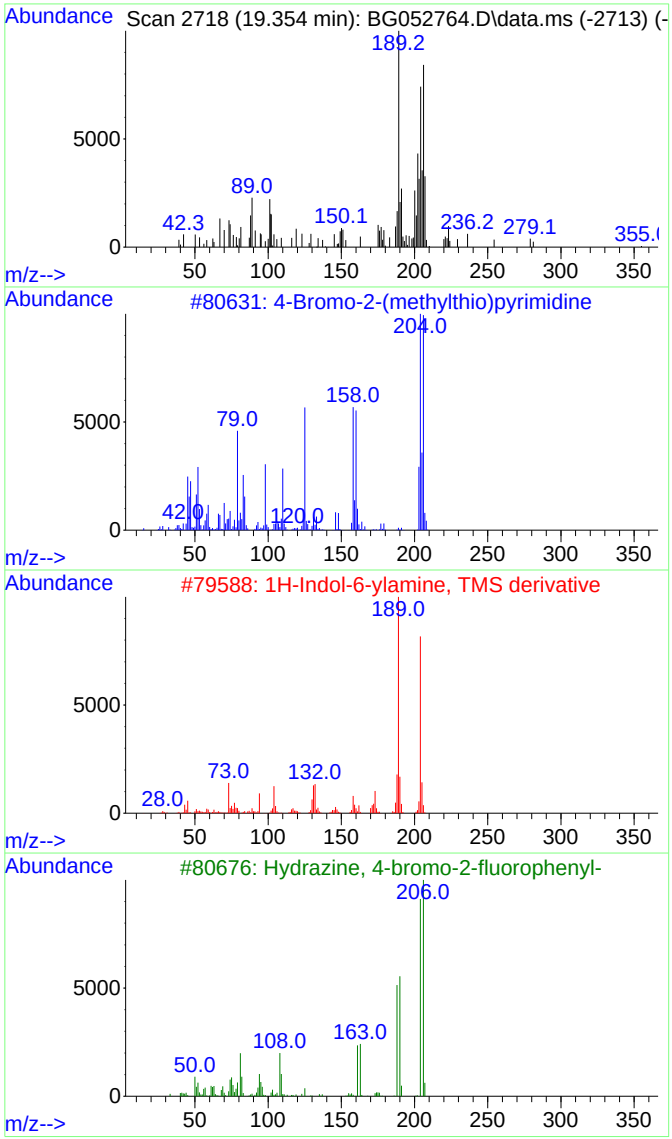
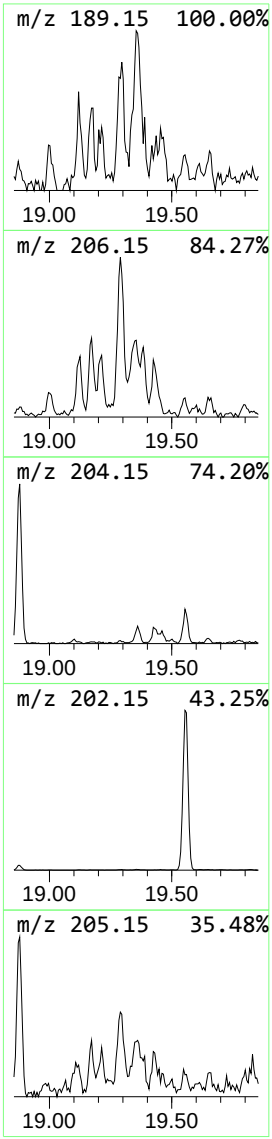
Peak Number 18 unknown19.354 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.354	2.64 ng	99433	Phenanthrene-d10	17.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Bromo-2-(methylthio)pyrimidine	204	C5H5BrN2S	959236-97-6	43
2	1H-Indol-6-ylamine, TMS derivative	204	C11H16N2Si	1000484-86-1	38
3	Hydrazine, 4-bromo-2-fluorophenyl-	204	C6H6BrFN2	299440-17-8	35
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	27
5	Cyclopropa[a]dibenzo[c,f]cyclohe...	236	C17H16O	1000210-38-0	25





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Acq On : 21 Mar 2022 12:12
Operator : CG/JU
Sample : N1983-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
124019

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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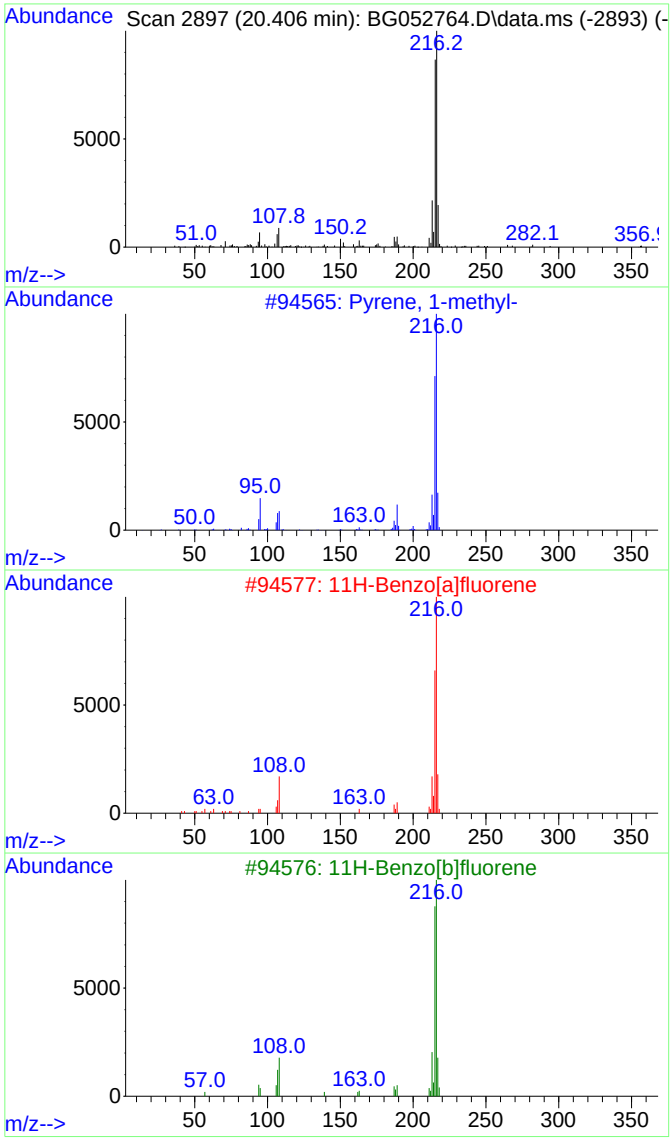
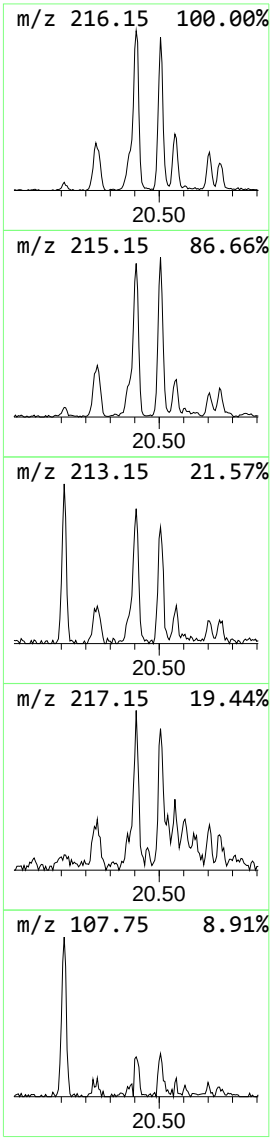
Peak Number 19 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.406	3.52 ng	207822	Chrysene-d12	21.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052764.D
Acq On : 21 Mar 2022 12:12
Operator : CG/JU
Sample : N1983-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
124019

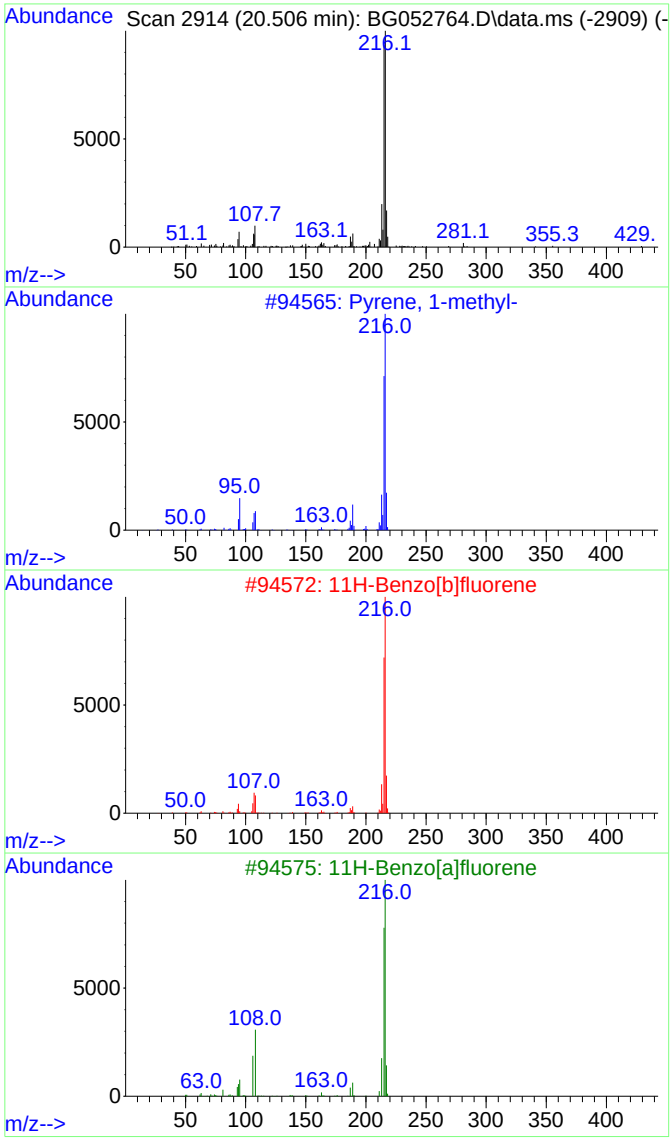
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

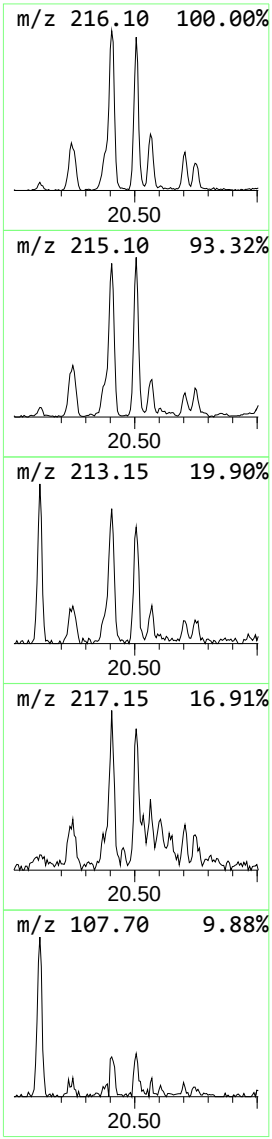
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.506	2.98 ng	176163	Chrysene-d12	21.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
Data File : BG052764.D
Acq On : 21 Mar 2022 12:12
Operator : CG/JU
Sample : N1983-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
124019

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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, 2-...	13.797	2.7	ng	97452	3	14.766	716114	20.0
Naphthalene, 1,...	13.944	6.1	ng	216965	3	14.766	716114	20.0
Naphthalene, 2,...	14.085	7.0	ng	250098	3	14.766	716114	20.0
Naphthalene, 1,...	14.144	3.8	ng	135232	3	14.766	716114	20.0
Acetamide, N-cy...	15.971	5.3	ng	188125	3	14.766	716114	20.0
[1,1'-Biphenyl]...	16.100	6.7	ng	238972	3	14.766	716114	20.0
2,4,2',4'-Tetra...	16.464	3.9	ng	145121	4	17.510	752183	20.0
9H-Fluorene, 2-...	16.811	6.5	ng	245582	4	17.510	752183	20.0
Phenol, 3-(2-ph...	17.040	3.1	ng	118274	4	17.510	752183	20.0
Dibenzothiophene	17.328	9.5	ng	355936	4	17.510	752183	20.0
Benzo[h]quinoline	17.698	2.6	ng	99548	4	17.510	752183	20.0
1H-Cyclopropa[l...	18.385	11.3	ng	423930	4	17.510	752183	20.0
Phenanthrene, 1...	18.432	10.1	ng	380209	4	17.510	752183	20.0
Anthracene, 2-m...	18.514	3.7	ng	140460	4	17.510	752183	20.0
4H-Cyclopenta[d...	18.579	16.1	ng	604250	4	17.510	752183	20.0
5,16[1',2']:8,1...	18.878	6.2	ng	234745	4	17.510	752183	20.0
di-p-Tolylacety...	19.296	3.3	ng	122078	4	17.510	752183	20.0
unknown19.354	19.354	2.6	ng	99433	4	17.510	752183	20.0
11H-Benzo[a]flu...	20.406	3.5	ng	207822	5	21.798	1180340	20.0
Pyrene, 1-methyl-	20.506	3.0	ng	176163	5	21.798	1180340	20.0