LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
Data File : BG048834.D
Acq On : 22 Apr 2021 00:49
Operator : CG/JU
Sample : M2025-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 104-SB-2

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-BG041421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048834.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.608	380	386	394	rBV	379166	603027	51.78%	5.458%
2	7.224	653	661	674	rBV	397557	681634	58.53%	6.170%
3	8.058	795	803	810	rBV	87294	147981	12.71%	1.339%
4	9.233	993	1003	1010	rBV	261821	451459	38.76%	4.086%
5	10.890	1278	1285	1291	rBV	119102	210237	18.05%	1.903%
6	13.340	1694	1702	1709	rBV	601761	913996	78.48%	8.273%
7	14.039	1811	1821	1826	rBV2	63013	98450	8.45%	0.891%
8	14.151	1833	1840	1848	rBV5	40700	79730	6.85%	0.722%
9	14.721	1929	1937	1944	rBV2	189152	293551	25.20%	2.657%
10	14.780	1944	1947	1955	rVB3	5867	11791	1.01%	0.107%
11	15.773	2109	2116	2123	rVB2	8011	17711	1.52%	0.160%
12	15.949	2141	2146	2152	rBV7	8614	16404	1.41%	0.148%
13	16.113	2170	2174	2177	rBV3	12242	15937	1.37%	0.144%
14	16.213	2183	2191	2199	rBV	485209	747951	64.22%	6.770%
15	16.295	2201	2205	2209	rVB7	13729	17252	1.48%	0.156%
16	16.536	2240	2246	2251	rBV5	20622	32346	2.78%	0.293%
17	16.754	2278	2283	2286	rBV5	15860	27020	2.32%	0.245%
18	16.930	2309	2313	2319	rVB8	6529	12005	1.03%	0.109%
19	17.130	2343	2347	2350	rBV2	8258	12273	1.05%	0.111%
20	17.206	2353	2360	2366	rBV8	8264	19352	1.66%	0.175%
21	17.476	2400	2406	2410	rBV	219831	343671	29.51%	3.111%
22	17.518	2410	2413	2422	rVV	104132	164906	14.16%	1.493%
23	17.612	2424	2429	2433	rVB	24427	36414	3.13%	0.330%
24	17.753	2448	2453	2456	rBV4	10296	15959	1.37%	0.144%
25	17.882	2472	2475	2480	rVB2	10902	16045	1.38%	0.145%
26	18.364	2552	2557	2560	rBV3	33119	47667	4.09%	0.431%
27	18.405	2561	2564	2567	rVV2	22095	26363	2.26%	0.239%
28	18.487	2572	2578	2581	rVB6	10775	17413	1.50%	0.158%
29	18.557	2583	2590	2593	rVV4	29919	57640	4.95%	0.522%
30	18.593	2593	2596	2600	rVB3	14904	18965	1.63%	0.172%
31	18.857	2634	2641	2644	rBV3	21372	36854	3.16%	0.334%
32	18.892	2644	2647	2653	rVB5	16368	27225	2.34%	0.246%
33	18.951	2653	2657	2662	rBV7	20100	31270	2.68%	0.283%
34	19.122	2678	2686	2690	rBV2	48692	81370	6.99%	0.737%
35	19.210	2694	2701	2705	rBV8	14253	26313	2.26%	0.238%
36	19.274	2708	2712	2717	rVV5	26242	43668	3.75%	0.395%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
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Acq On : 22 Apr 2021 00:49
Operator : CG/JU
Sample : M2025-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 104-SB-2

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-BG041421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.333	2718	2722	2725	rVV5	25867	38842	3.34%	0.352%
38	19.415	2732	2736	2739	rVV6	12206	15613	1.34%	0.141%
39	19.539	2751	2757	2763	rBV	232726	347402	29.83%	3.144%
40	19.627	2770	2772	2776	rBV4	10787	12398	1.06%	0.112%
41	19.862	2808	2812	2814	rBV2	40871	60163	5.17%	0.545%
42	19.903	2814	2819	2825	rVB	188604	289754	24.88%	2.623%
43	19.968	2827	2830	2834	rVB5	15822	20255	1.74%	0.183%
44	20.032	2838	2841	2844	rBV5	11213	17656	1.52%	0.160%
45	20.091	2844	2851	2856	rBV	923755	1164659	100.00%	10.542%
46	20.214	2867	2872	2879	rBV4	22110	58555	5.03%	0.530%
47	20.279	2881	2883	2890	rVV8	11305	22779	1.96%	0.206%
48	20.349	2892	2895	2896	rVV3	20651	20897	1.79%	0.189%
49	20.385	2898	2901	2905	rVB2	57165	78120	6.71%	0.707%
50	20.491	2915	2919	2923	rBV	22574	41744	3.58%	0.378%
51	20.567	2927	2932	2934	rVV6	20895	31551	2.71%	0.286%
52	20.731	2955	2960	2964	rBV	332422	426633	36.63%	3.862%
53	20.773	2964	2967	2972	rVB6	78946	118196	10.15%	1.070%
54	20.984	2999	3003	3007	rBV	98803	128951	11.07%	1.167%
55	21.025	3008	3010	3014	rVB4	19663	22584	1.94%	0.204%
56	21.102	3020	3023	3030	rVB9	15409	29141	2.50%	0.264%
57	21.166	3030	3034	3037	rVB3	19643	26932	2.31%	0.244%
58	21.395	3069	3073	3081	rBV5	130357	230556	19.80%	2.087%
59	21.507	3088	3092	3095	rVB3	17236	24930	2.14%	0.226%
60	21.777	3130	3138	3143	rBV2	228964	516408	44.34%	4.674%
61	21.824	3143	3146	3152	rVB	89894	140042	12.02%	1.268%
62	21.983	3167	3173	3178	rBV8	26009	53451	4.59%	0.484%
63	22.065	3182	3187	3193	rBV10	24467	58183	5.00%	0.527%
64	22.523	3261	3265	3271	rBV7	27128	58203	5.00%	0.527%
65	22.606	3271	3279	3291	rVB8	62144	153392	13.17%	1.388%
66	23.029	3349	3351	3356	rVB6	16028	17949	1.54%	0.162%
67	23.287	3393	3395	3398	rBV4	10660	13929	1.20%	0.126%
68	23.458	3421	3424	3426	rBV4	12458	12641	1.09%	0.114%
69	24.045	3518	3524	3532	rBV2	66482	208430	17.90%	1.887%
70	24.204	3546	3551	3559	rBV2	22279	53903	4.63%	0.488%
71	24.533	3603	3607	3610	rBV6	8293	17013	1.46%	0.154%
72	24.797	3646	3652	3664	rVB2	51100	156488	13.44%	1.416%
73	24.950	3671	3678	3689	rVB2	54611	166106	14.26%	1.503%
74	25.109	3696	3705	3715	rBV2	126521	376443	32.32%	3.407%
75	25.179	3715	3717	3726	rVB6	15191	35402	3.04%	0.320%
76	26.419	3925	3928	3929	rBV3	11227	12369	1.06%	0.112%

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Misc :
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Instrument :
BNA_G
ClientSampleId :
104-SB-2

Integration Parameters: rteint.p
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	26.436	3929	3931	3938	rVB8	19519	34925	3.00%	0.316%
78	26.672	3961	3971	3982	rVB8	84621	300393	25.79%	2.719%
79	27.335	4081	4084	4090	rBV8	8266	17516	1.50%	0.159%
80	32.271	4917	4924	4925	rBV7	6818	14783	1.27%	0.134%

Sum of corrected areas: 11048130

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
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Misc :
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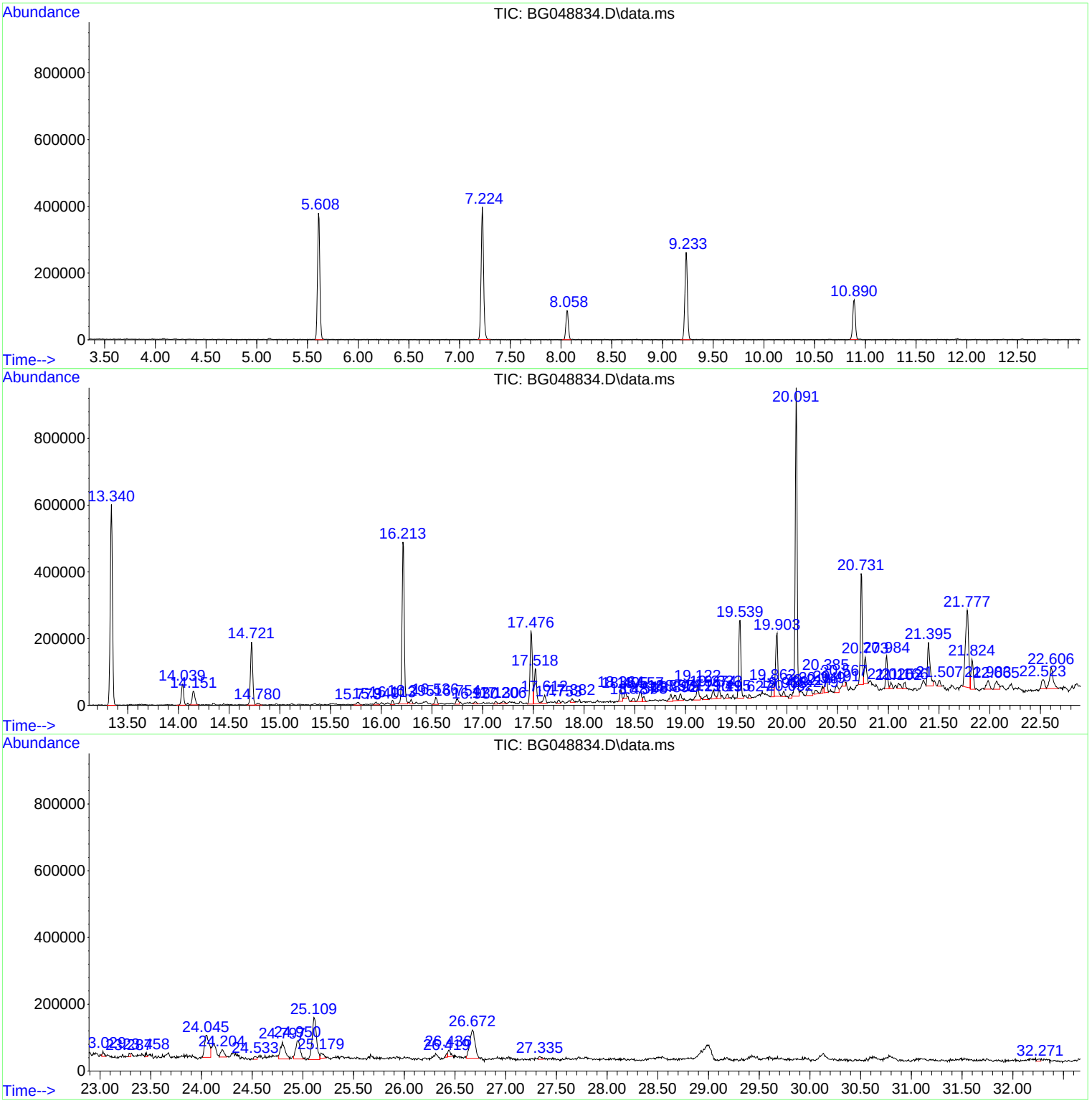
Instrument :
BNA_G
ClientSampleId :
104-SB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
Data File : BG048834.D
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Operator : CG/JU
Sample : M2025-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 104-SB-2

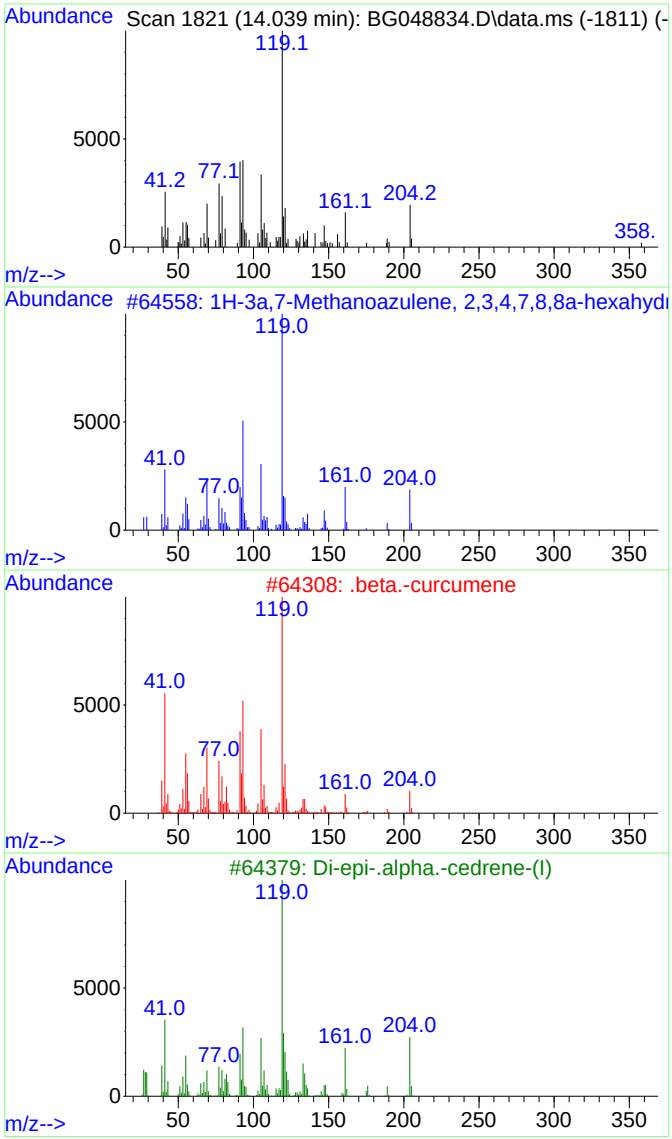
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

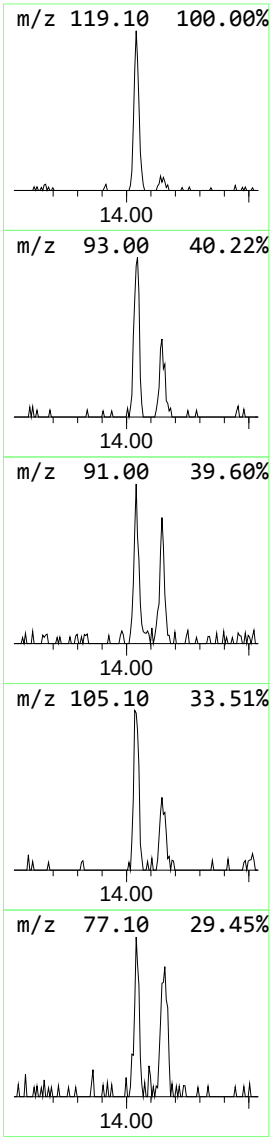
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1H-3a,7-Methanoazulene, 2,3... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.039	6.71 ng	98450	Acenaphthene-d10	14.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	91
2	.beta.-curcumene	204	C15H24	1000374-17-4	91
3	Di-epi-.alpha.-cedrene-(I)	204	C15H24	021996-77-0	80
4	Naphthalene, 1,2,3,4,4a,7-hexahy...	204	C15H24	016728-99-7	60
5	Bicyclo[3.1.1]heptane, 6-methyl-...	204	C15H24	055123-21-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
Data File : BG048834.D
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Operator : CG/JU
Sample : M2025-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 104-SB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

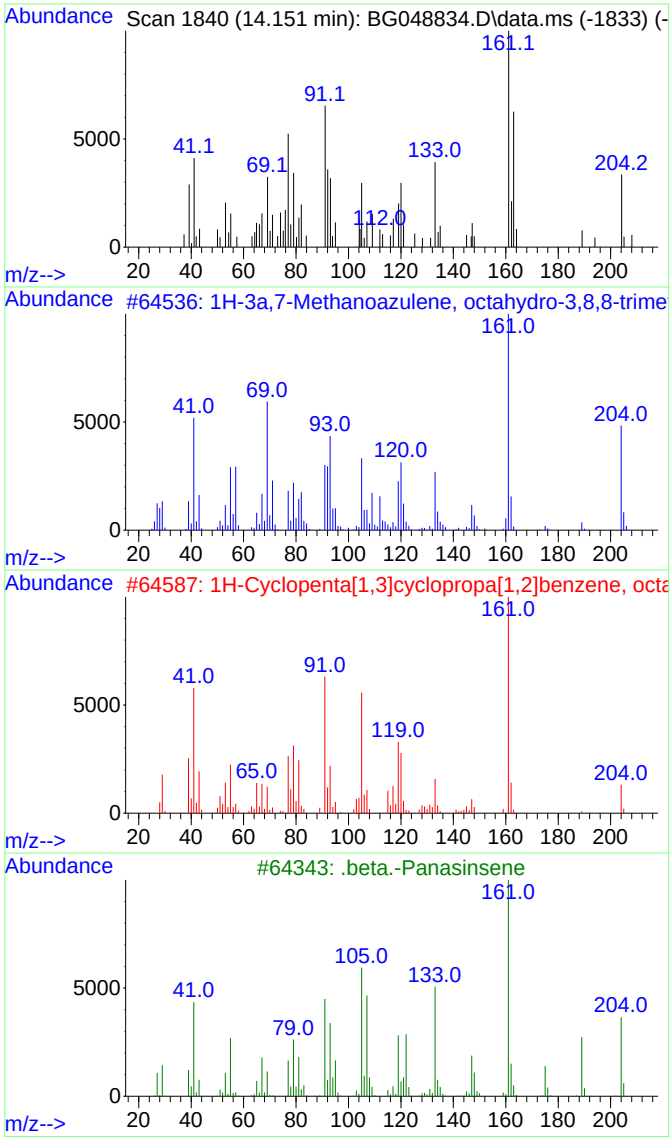
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

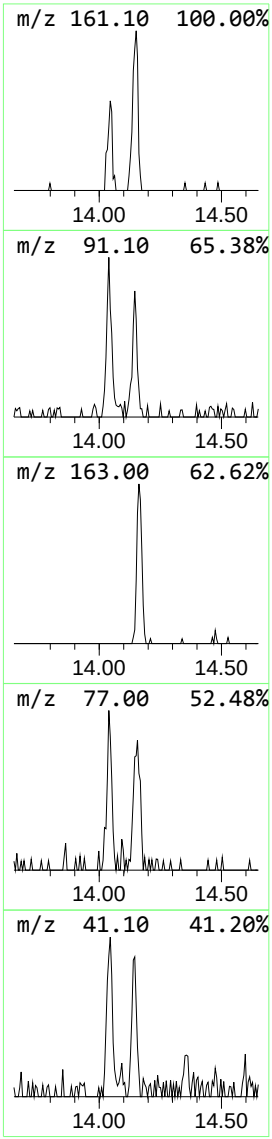
****

Peak Number 2 1H-3a,7-Methanoazulene, oct... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.151	5.43 ng	79730	Acenaphthene-d10	14.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000546-28-1	55
2	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	53
3	.beta.-Panasinsene	204	C15H24	1000159-39-0	45
4	Isoledene	204	C15H24	1000156-10-8	42
5	Epizonarene	204	C15H24	041702-63-0	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
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Sample : M2025-05
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Instrument :
BNA_G
ClientSampleId :
104-SB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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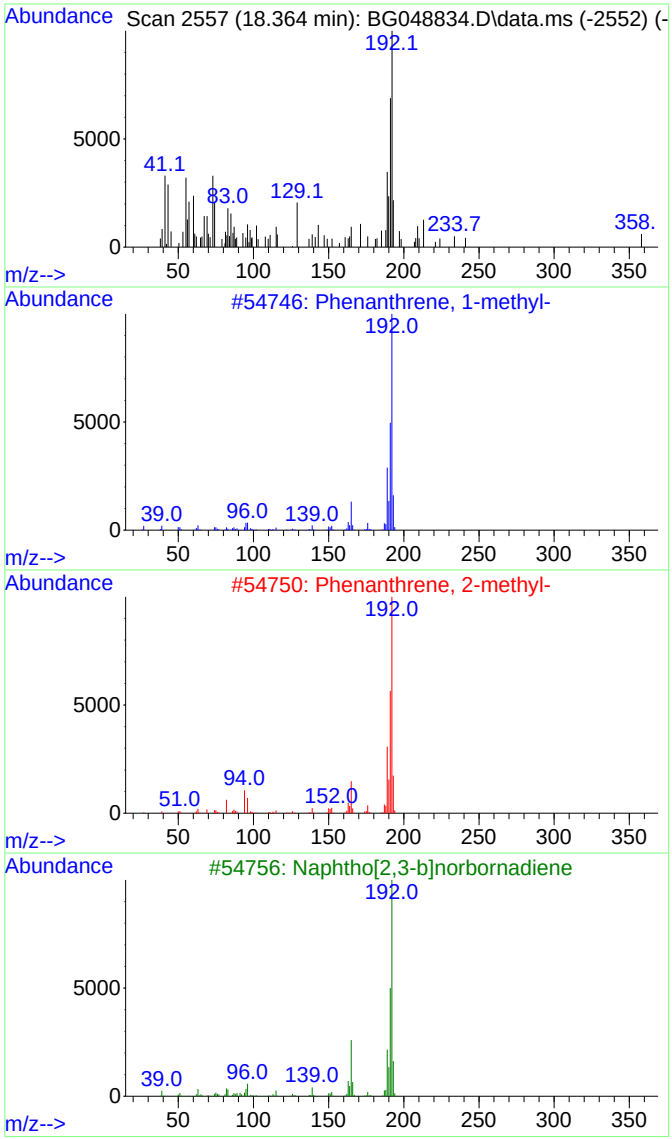
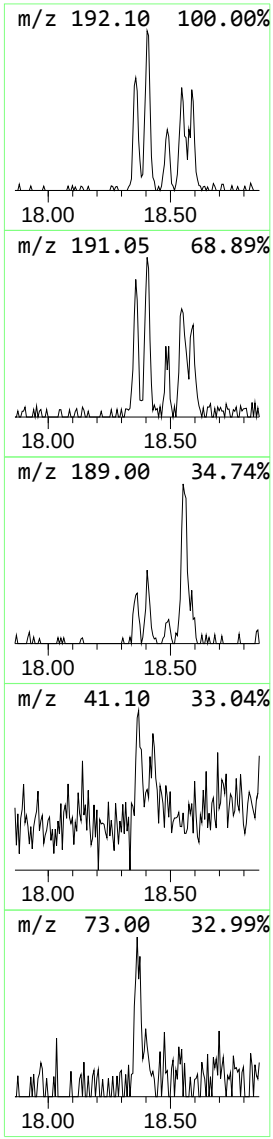
****

Peak Number 3 unknown18.364 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.364	2.77 ng	47667	Phenanthrene-d10	17.476

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	49
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	49
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	49
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	49
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	47





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Instrument : BNA_G
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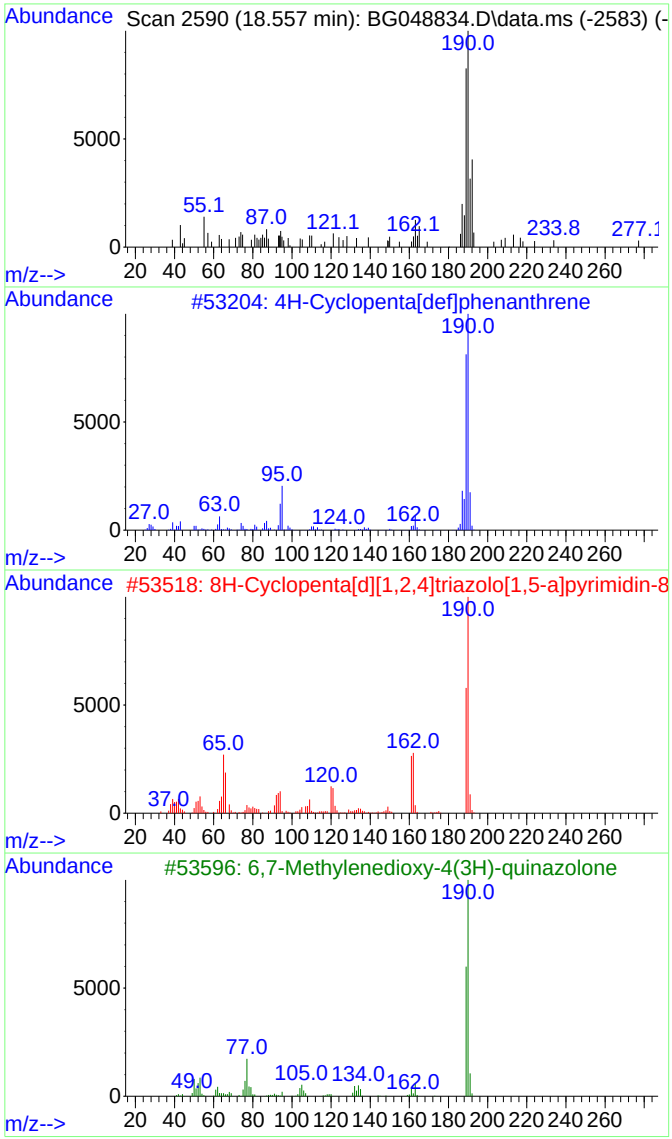
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

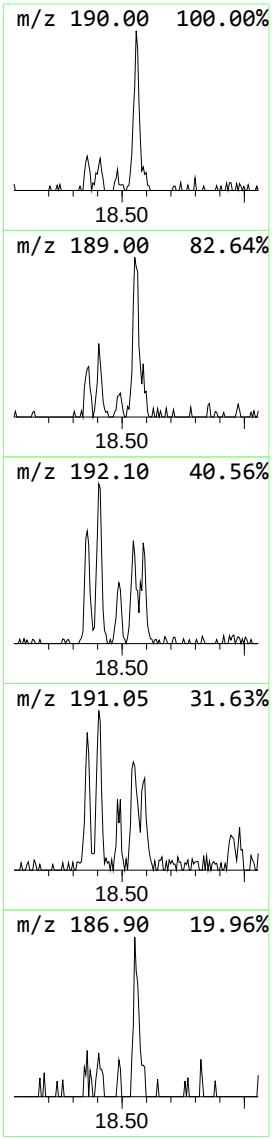
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.558	3.35 ng	57640	Phenanthrene-d10	17.476

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	8H-Cyclopenta[d][1,2,4]triazolo[...	190	C9H10N4O	1000337-56-4	50
3	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	47
5	Benzimidazol-2(3H)-one, 5-formyl...	190	C10H10N2O2	055241-49-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
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Operator : CG/JU
Sample : M2025-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 104-SB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

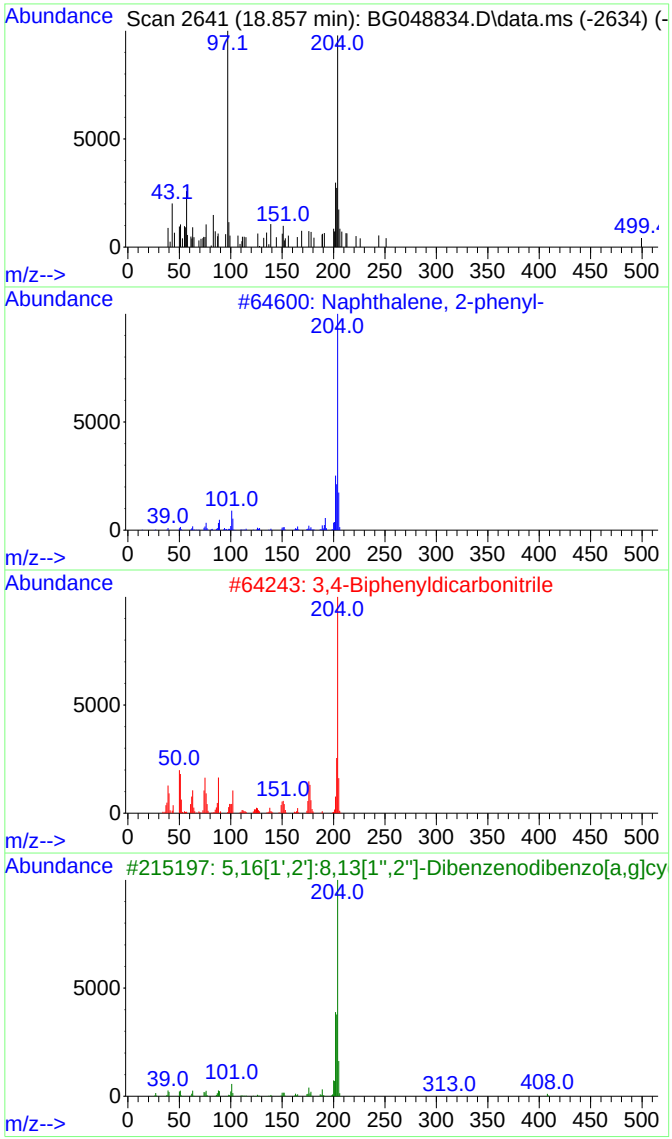
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

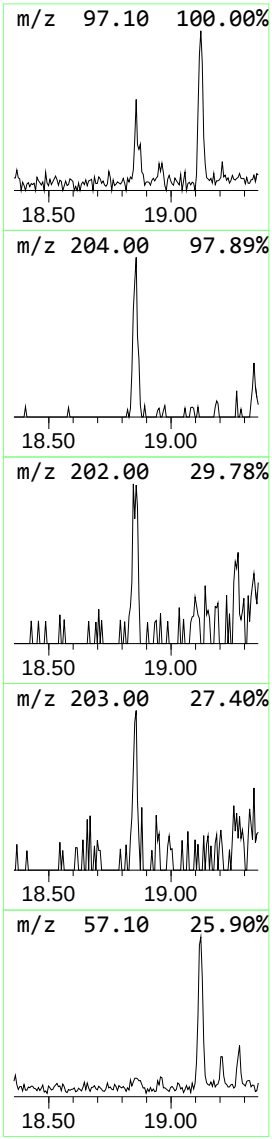
****

Peak Number 5 unknown18.857 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.857	2.14 ng	36854	Phenanthrene-d10	17.476

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	42
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	38
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	38
4	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38





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Data File : BG048834.D
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Misc :
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Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

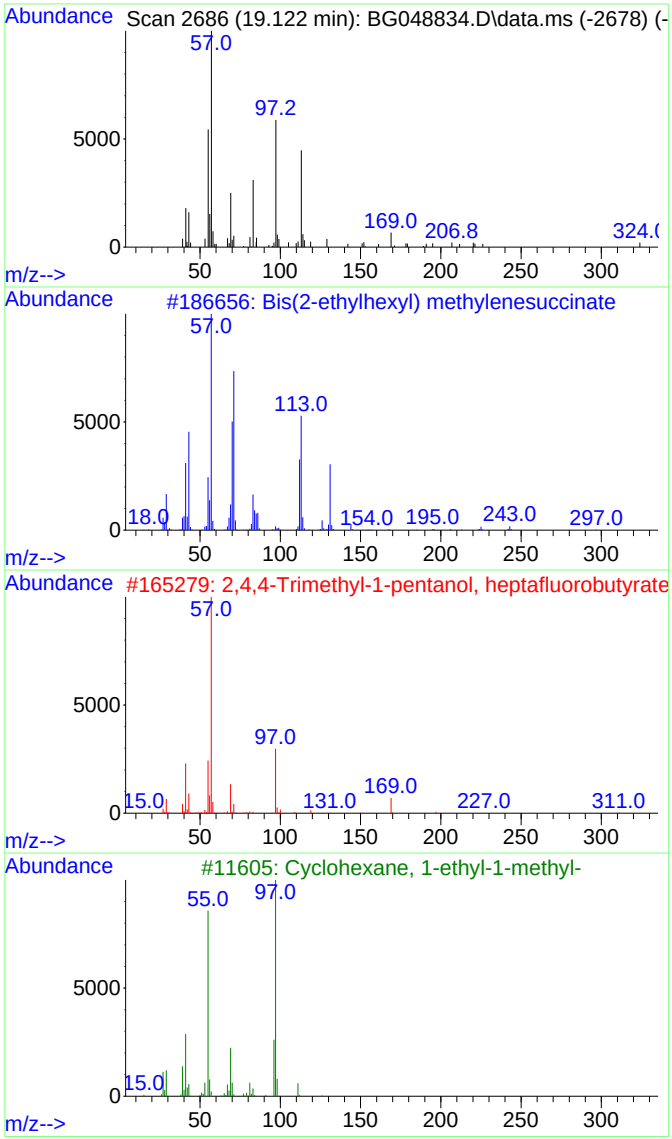
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

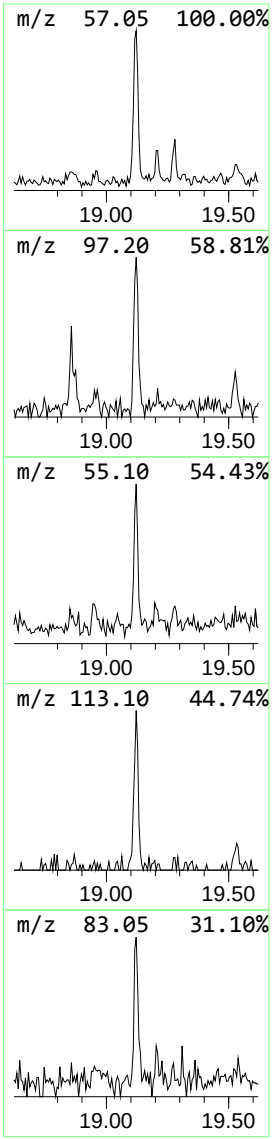
****

Peak Number 6 unknown19.122 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.122	4.74 ng	81370	Phenanthrene-d10	17.476

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) methylenesucci...	354	C21H38O4	002287-83-4	37
2	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	25
3	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	14
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	14
5	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	12





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Acq On : 22 Apr 2021 00:49
Operator : CG/JU
Sample : M2025-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 104-SB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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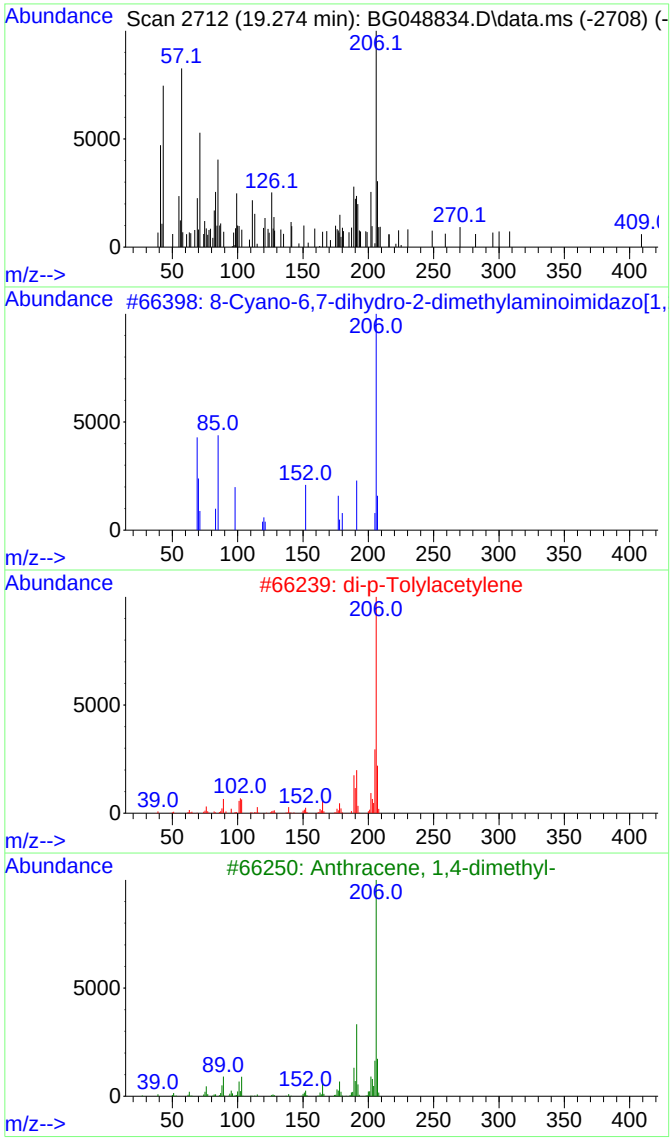
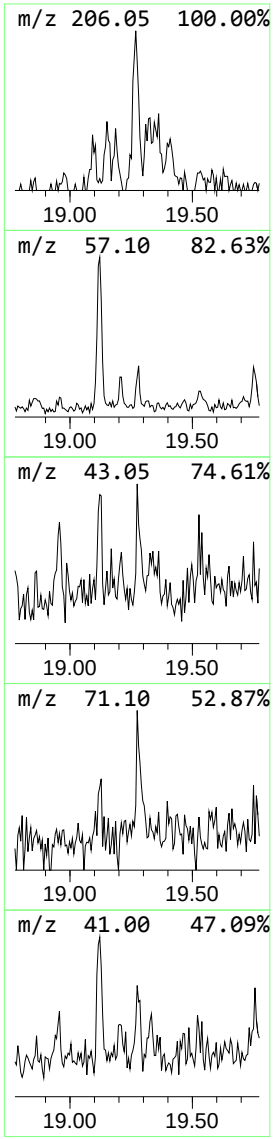
Peak Number 7 unknown19.274 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.274	2.54 ng	43668	Phenanthrene-d10	17.476

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Cyano-6,7-dihydro-2-dimethylam...	206	C8H10N6O	077455-10-8	49
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	49
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	43
4	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	43
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	43





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Operator : CG/JU
Sample : M2025-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 104-SB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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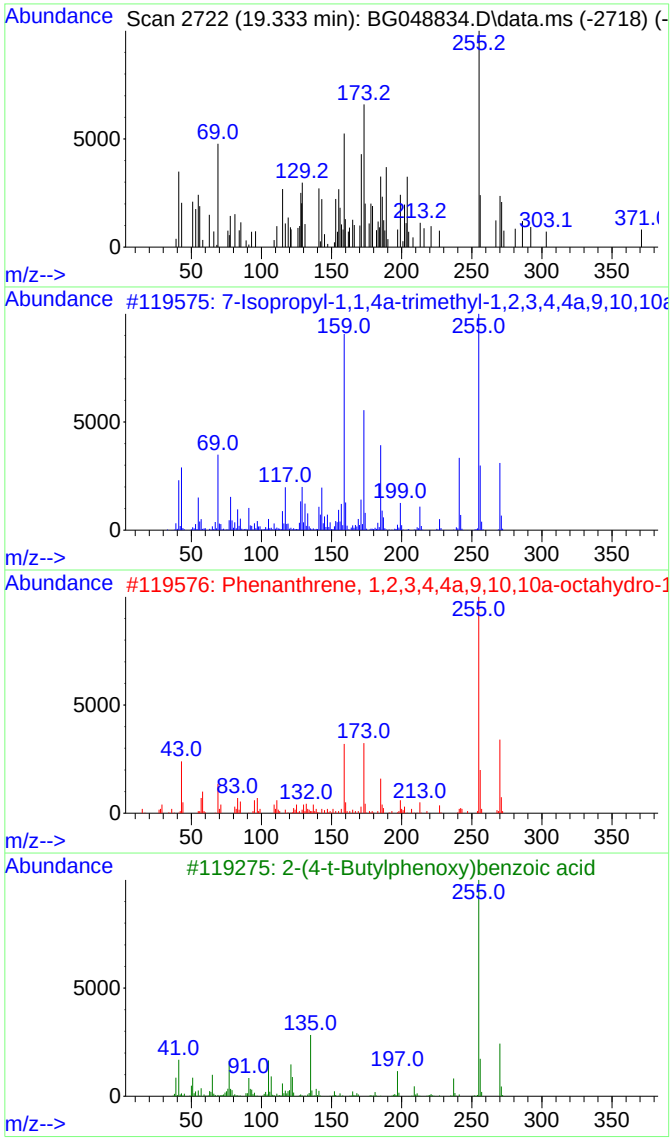
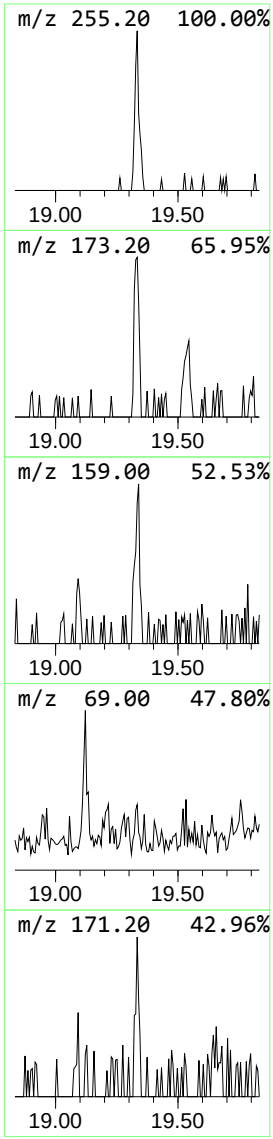
Peak Number 8 unknown19.333 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.333	2.26 ng	38842	Phenanthrene-d10	17.476

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Isopropyl-1,1,4a-trimethyl-1,2...	270	C20H30	1000210-28-9	42
2	Phenanthrene, 1,2,3,4,4a,9,10,10...	270	C20H30	019407-28-4	37
3	2-(4-t-Butylphenoxy)benzoic acid	270	C17H18O3	069737-65-1	14
4	Iron, (.eta.-5-cyclohexadienyl)(...	270	C16H22Fe	1000162-99-3	14
5	Melamine, bis(trimethylsilyl) de...	270	C9H22N6Si2	1000368-46-4	14





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 104-SB-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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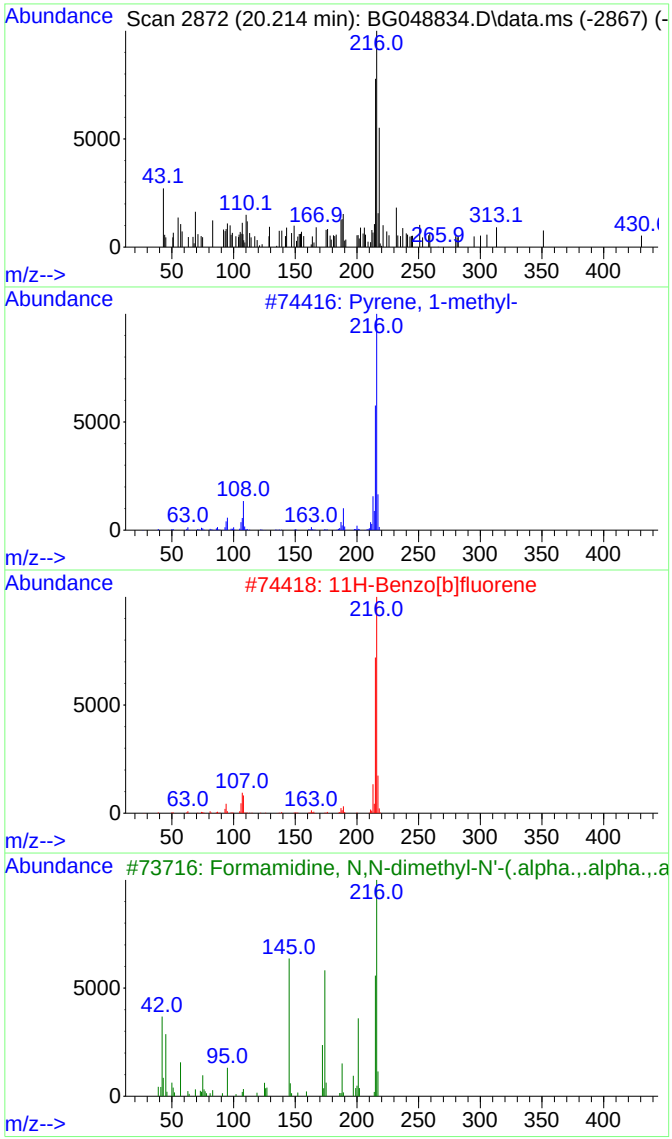
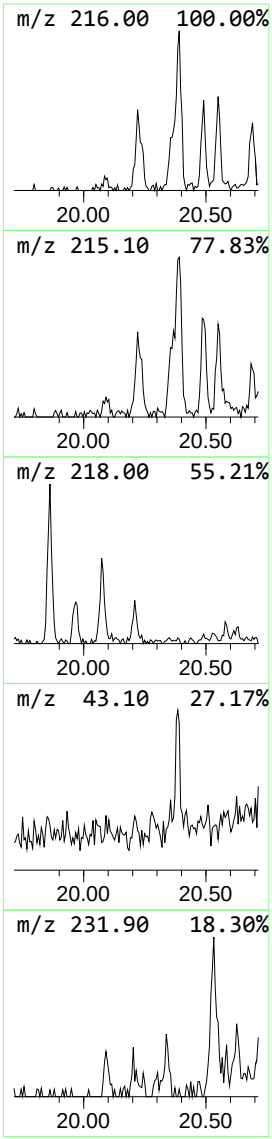
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.214	2.27 ng	58555	Chrysene-d12	21.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	52
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	52
3	Formamidine, N,N-dimethyl-N'-(.a...	216	C10H11F3N2	029366-21-0	50
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	49
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	47





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Operator : CG/JU
Sample : M2025-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
104-SB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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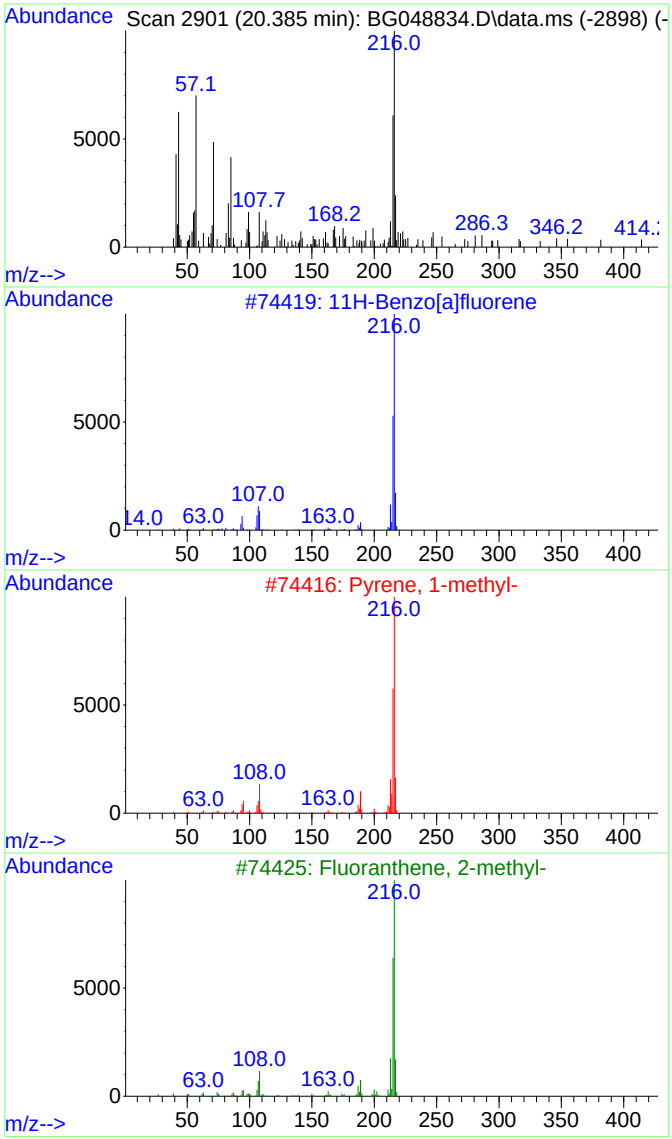
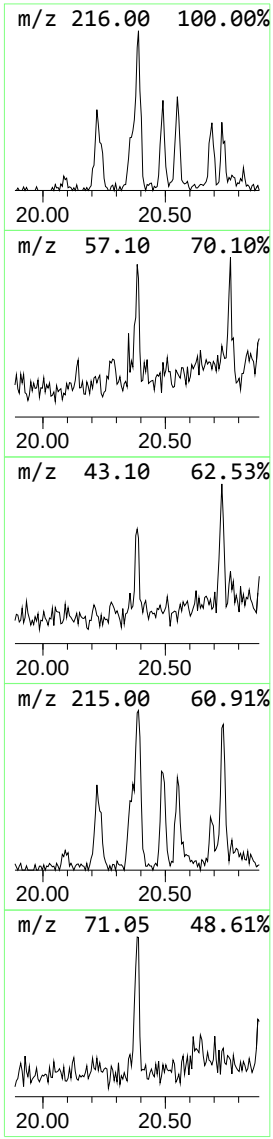
Peak Number 10 unknown20.385 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.385	3.03 ng	78120	Chrysene-d12	21.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	46
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	46
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	46
4	1,3-Di(propen-1-yl)adamantane	216	C16H24	057040-47-8	46
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	38





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Instrument : BNA_G
ClientSampleId : 104-SB-2

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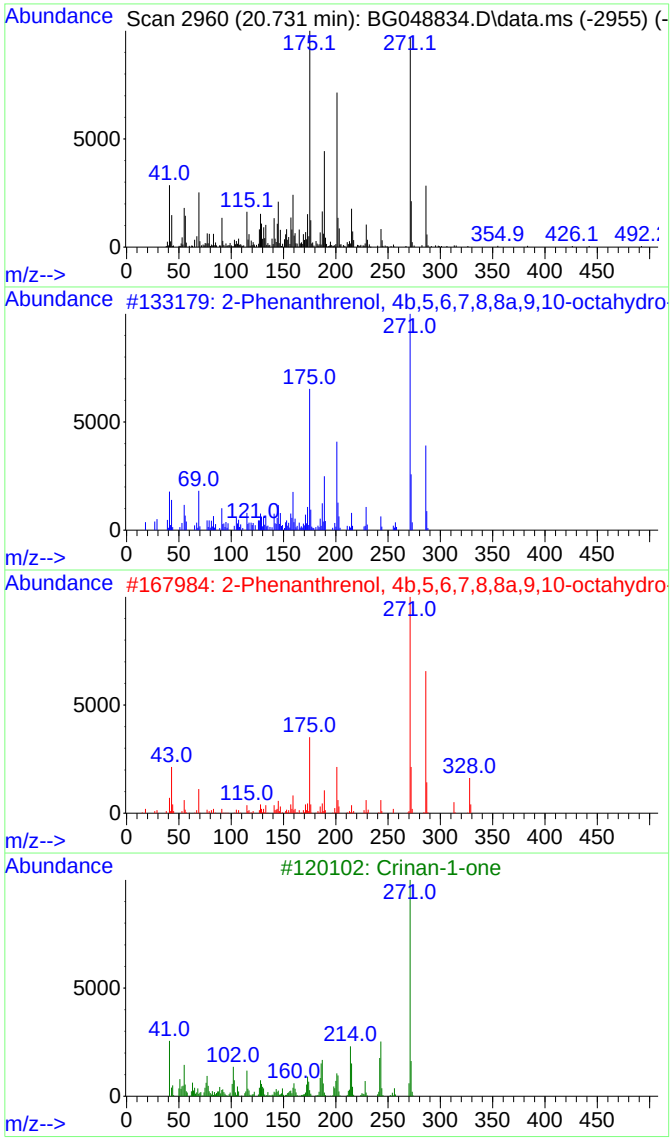
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

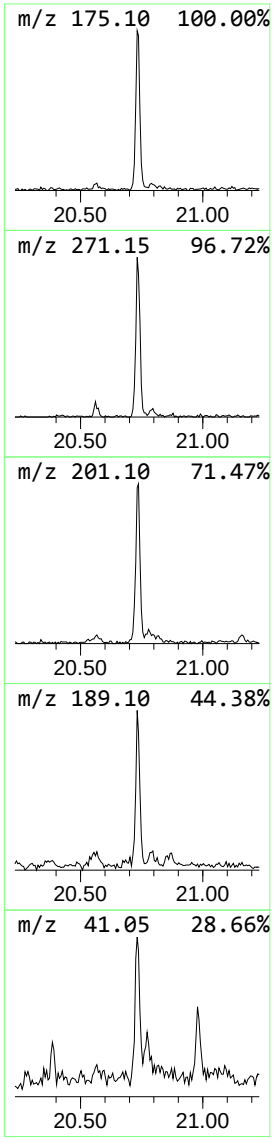
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.731	16.52 ng	426633	Chrysene-d12	21.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	92
2	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	38
3	Crinan-1-one	271	C16H17NO3	098301-98-5	35
4	Silane, dimethyl(3-methylbut-2-e...	286	C16H34O2Si	1000347-96-9	27
5	Silane, dimethyl(2-chlorophenoxy...	286	C14H23ClO2Si	1000347-07-2	25





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 104-SB-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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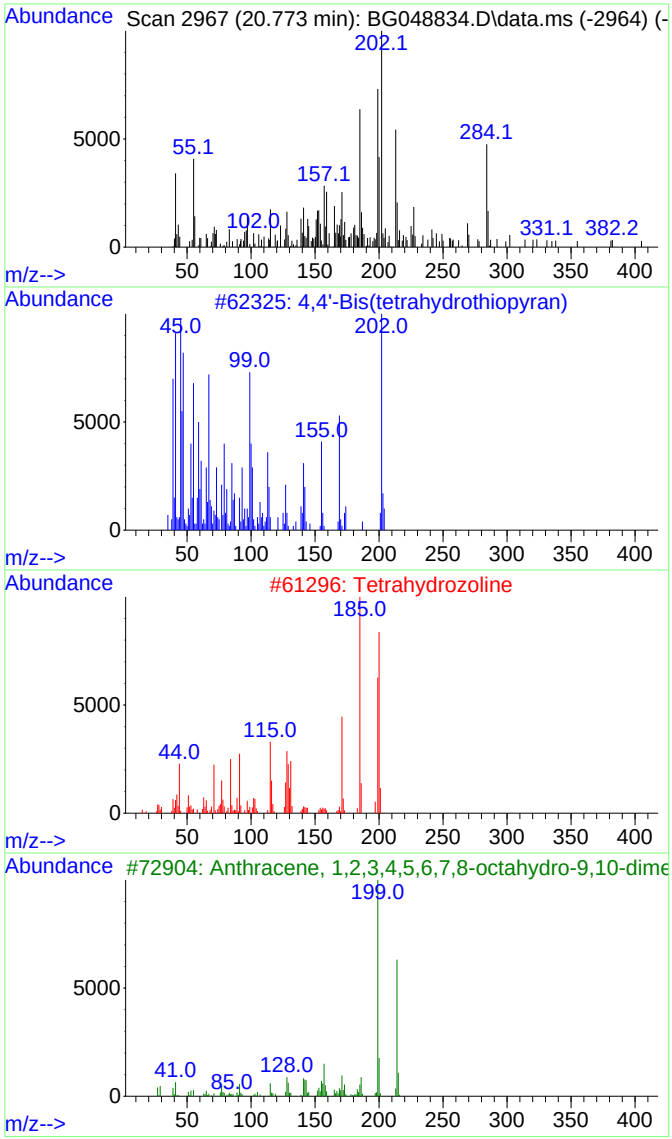
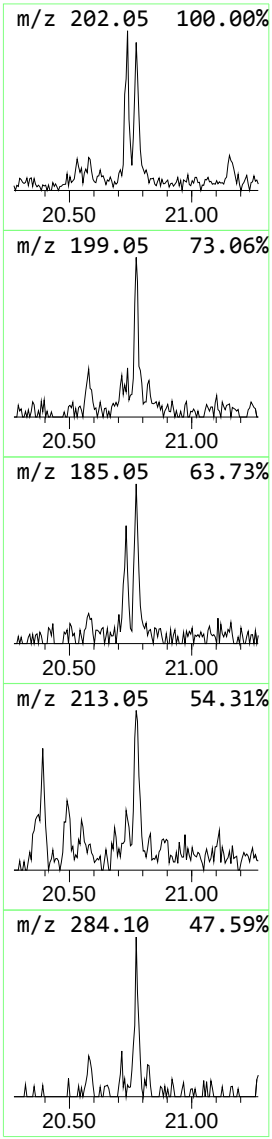
Peak Number 12 unknown20.773 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.773	4.58 ng	118196	Chrysene-d12	21.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	25
2	Tetrahydrozoline	200	C13H16N2	000084-22-0	22
3	Anthracene, 1,2,3,4,5,6,7,8-octa...	214	C16H22	042173-25-1	18
4	Butylphosphonic acid, isobutyl 2...	284	C15H25O3P	1000315-03-2	14
5	4-Hydroxyamino-6-phenylpyrimidin...	202	C10H10N4O	1000111-25-2	14





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Operator : CG/JU
Sample : M2025-05
Misc :
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Instrument : BNA_G
ClientSampleId : 104-SB-2

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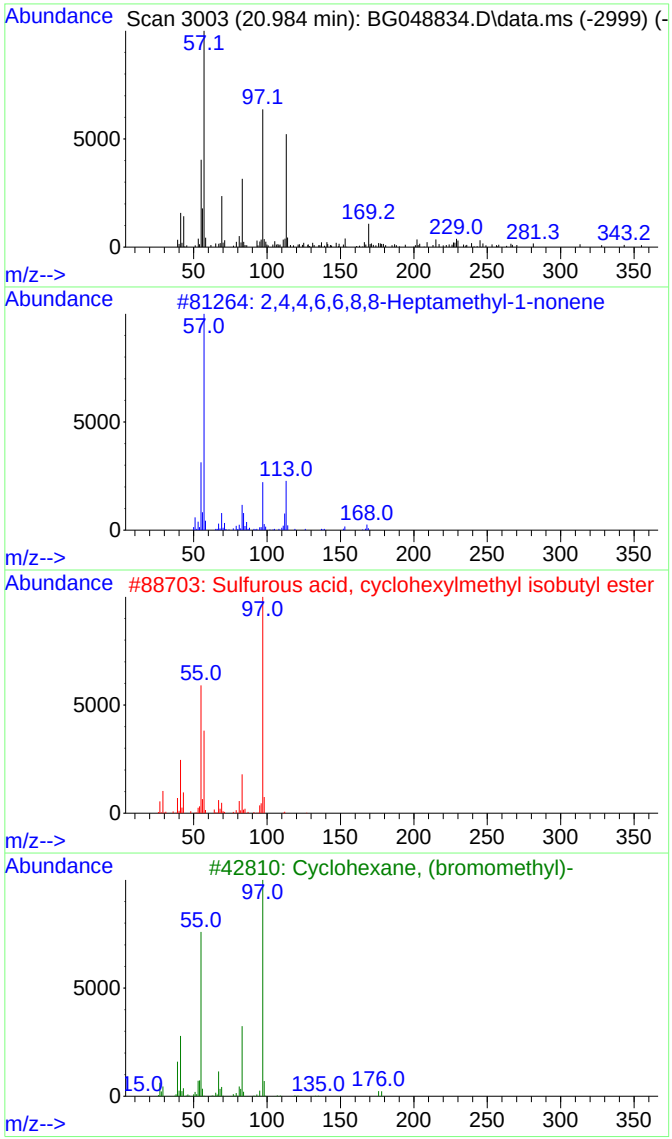
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

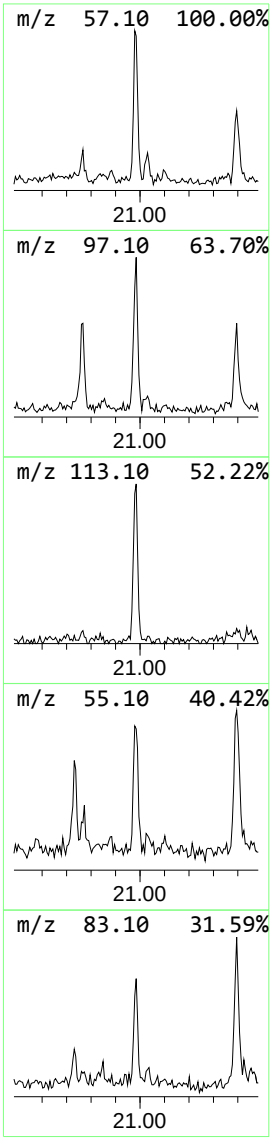
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.984	4.99 ng	128951	Chrysene-d12	21.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	56
2	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	25
3	Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	22
4	Cyclohexanol, 1-(1,5-dimethylhex...	226	C15H30O	024945-44-6	18
5	7-Ethyl-4,6-undecandione	212	C13H24O2	1000374-11-8	16





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 104-SB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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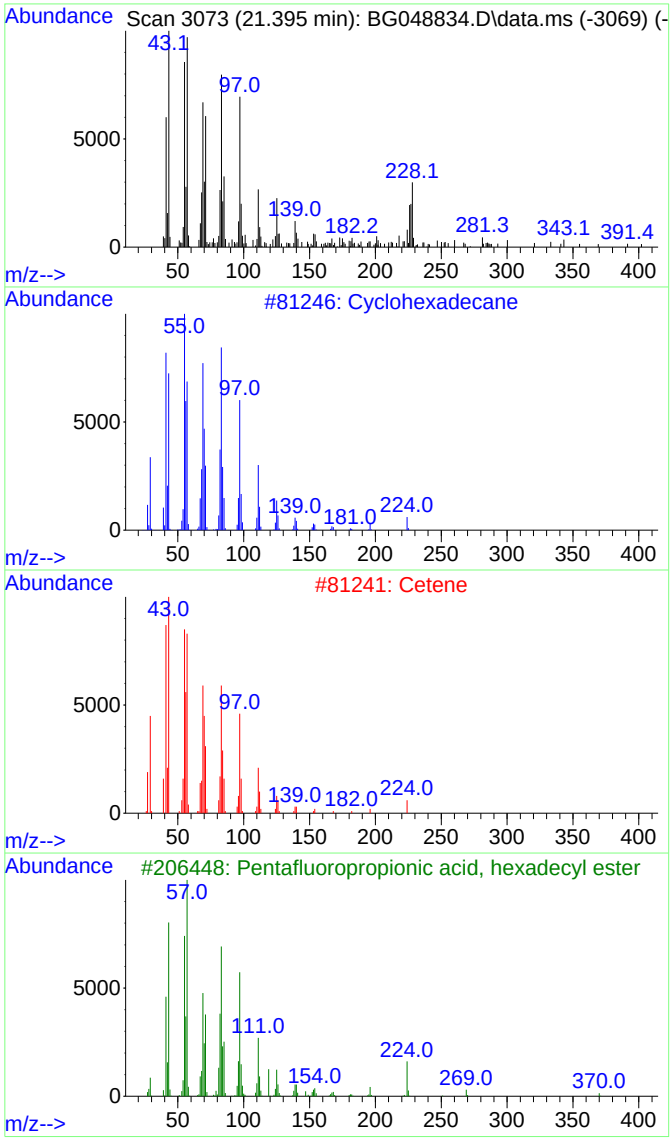
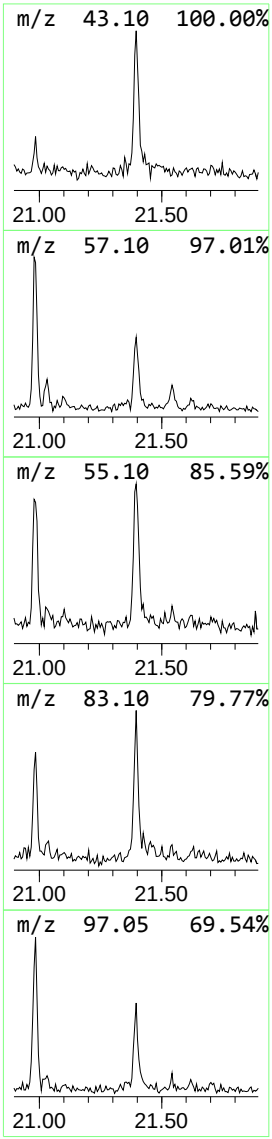
Peak Number 14 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.395	8.93 ng	230556	Chrysene-d12	21.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	83
2	Cetene	224	C16H32	000629-73-2	78
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	68
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	62
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	60





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ClientSampleId : 104-SB-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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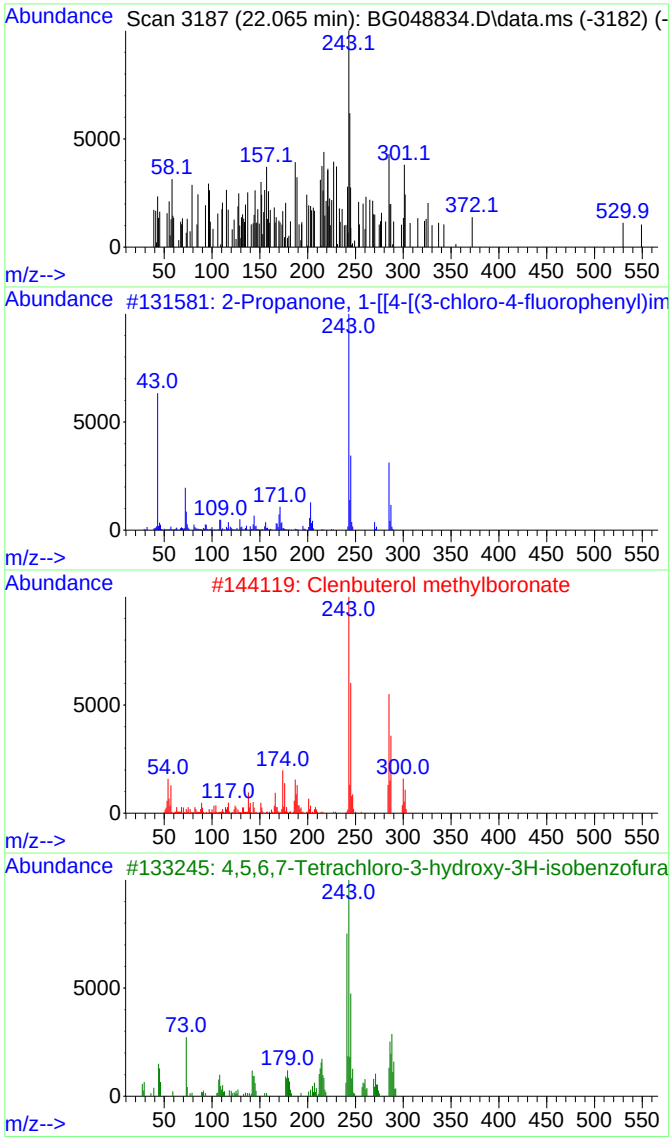
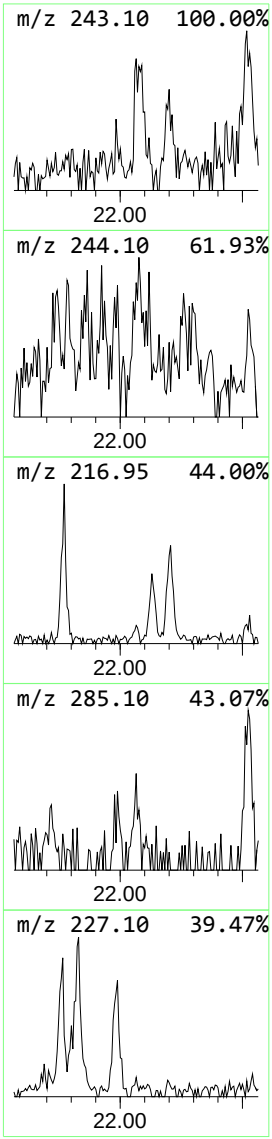
Peak Number 15 unknown22.065 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.065	2.25 ng	58183	Chrysene-d12	21.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1-[[4-[(3-chloro-4-...	285	C11H9ClFN3OS	1000319-20-6	38
2	Clenbuterol methylboronate	300	C13H19BCl2N2O	325837-03-4	27
3	4,5,6,7-Tetrachloro-3-hydroxy-3H...	286	C8H2Cl4O3	052422-20-5	25
4	Butylphosphonic acid, 3,5-dimeth...	326	C18H31O3P	1000322-92-7	22
5	Norlevorphanol	243	C16H21NO	001531-12-0	18





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ClientSampleId : 104-SB-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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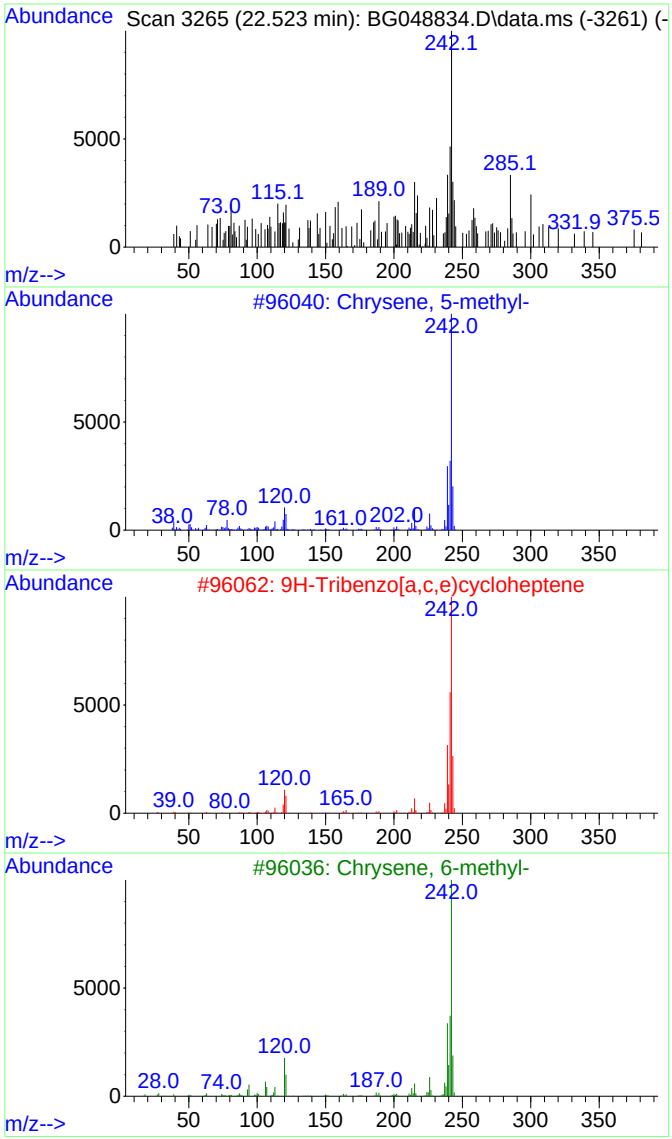
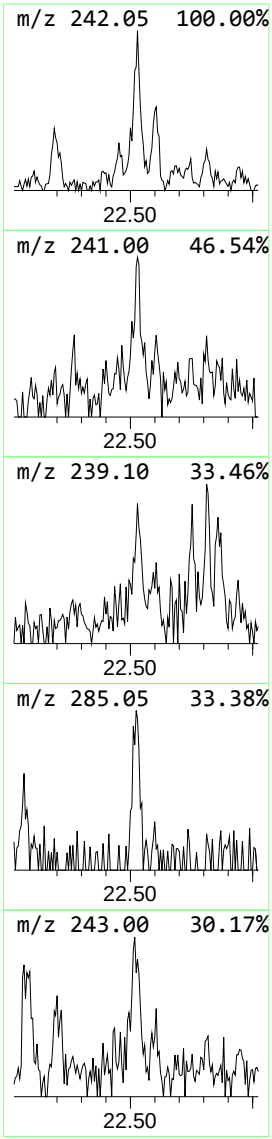
Peak Number 16 Chrysene, 5-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.523	2.25 ng	58203	Chrysene-d12	21.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 5-methyl-	242	C19H14	003697-24-3	87
2	9H-Tribenzo[a,c,e)cycloheptene	242	C19H14	000213-10-5	50
3	Chrysene, 6-methyl-	242	C19H14	001705-85-7	50
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	50
5	Thiazolo[5,4-d]pyrimidine, 5-(be...	242	C12H10N4S	019835-22-4	46





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Sample : M2025-05
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 104-SB-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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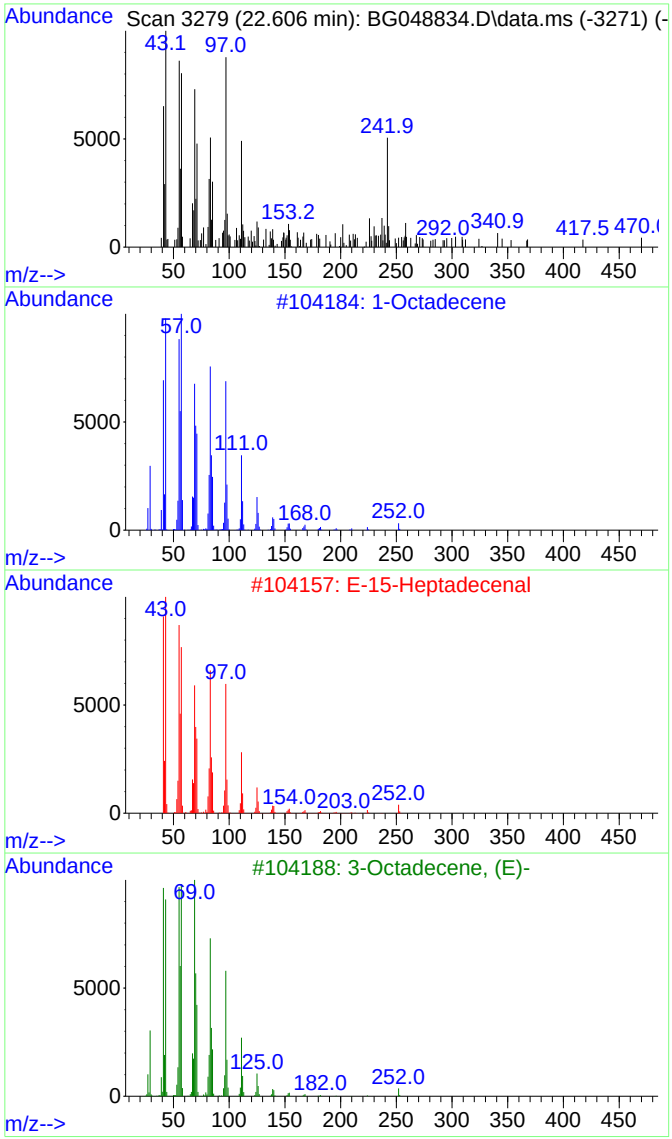
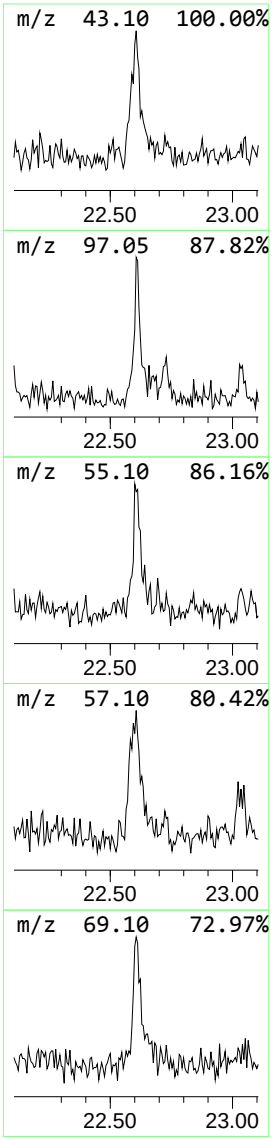
Peak Number 17 1-Octadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.606	5.94 ng	153392	Chrysene-d12	21.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	51
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	51
3	3-Octadecene, (E)-	252	C18H36	007206-19-1	46
4	2,4-Pentanedione, 3-(1-methyl-2-...	154	C9H14O2	029149-83-5	45
5	1-Heptacosanol	396	C27H56O	002004-39-9	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
Data File : BG048834.D
Acq On : 22 Apr 2021 00:49
Operator : CG/JU
Sample : M2025-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 104-SB-2

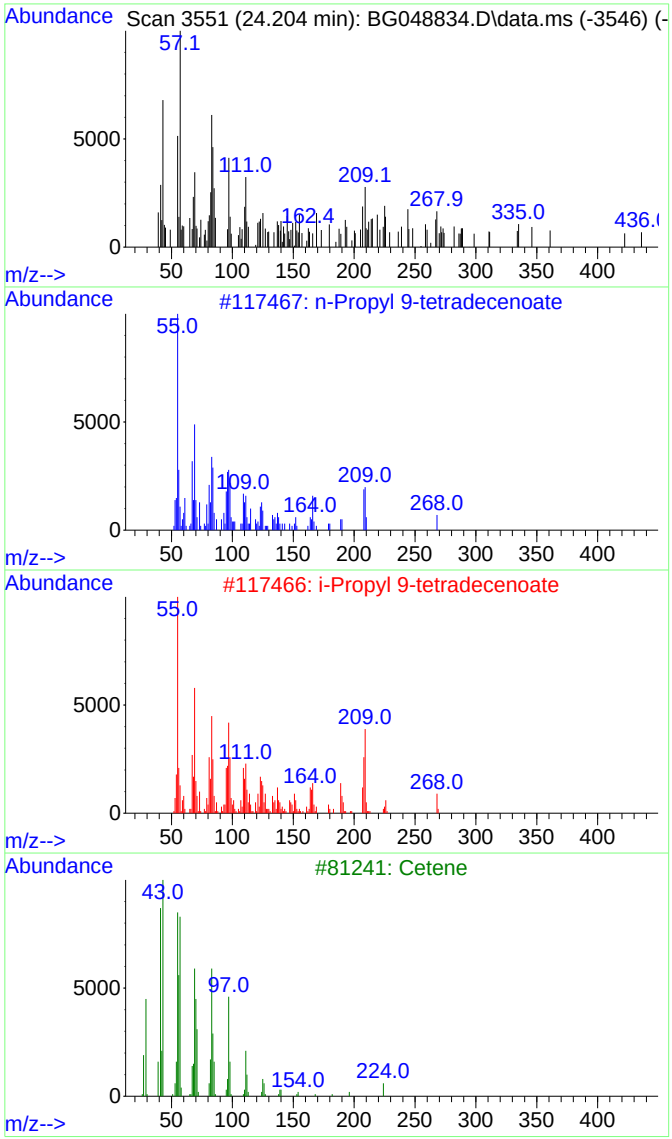
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

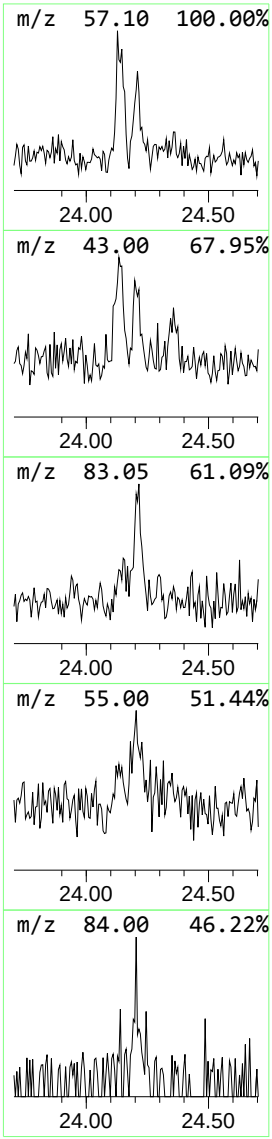
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 n-Propyl 9-tetradecenoate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.204	2.86 ng	53903	Perylene-d12	25.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl 9-tetradecenoate	268	C17H32O2	1000336-61-7	53
2	i-Propyl 9-tetradecenoate	268	C17H32O2	1000336-60-7	38
3	Cetene	224	C16H32	000629-73-2	30
4	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	27
5	2-Methyl-E-7-hexadecene	238	C17H34	064183-52-4	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
Data File : BG048834.D
Acq On : 22 Apr 2021 00:49
Operator : CG/JU
Sample : M2025-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
104-SB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

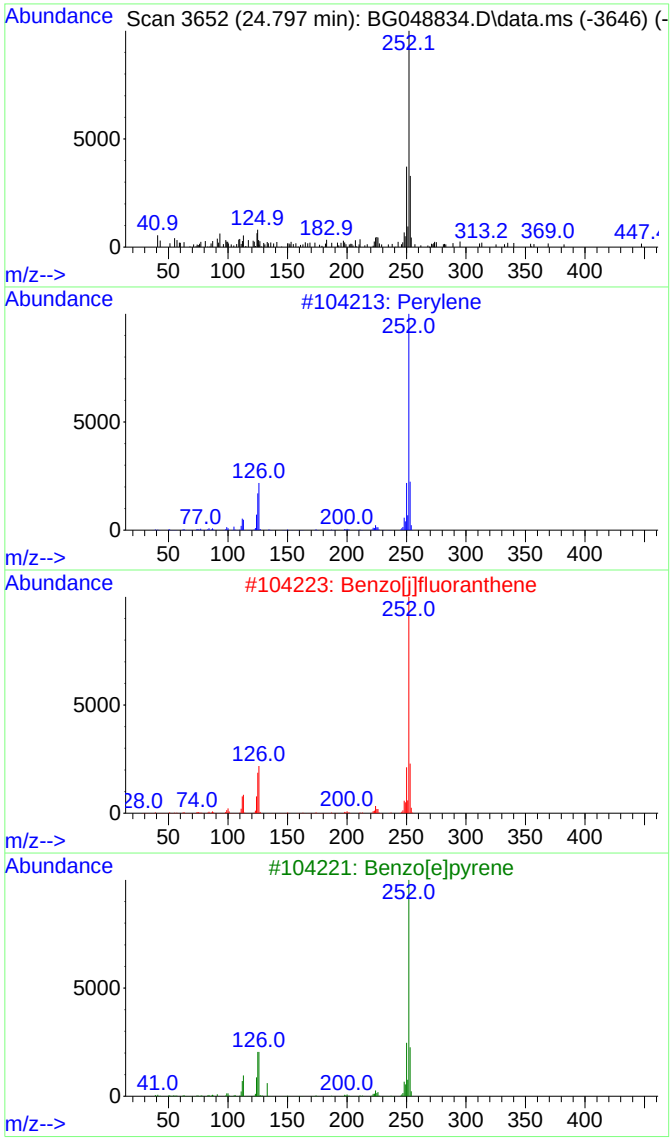
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

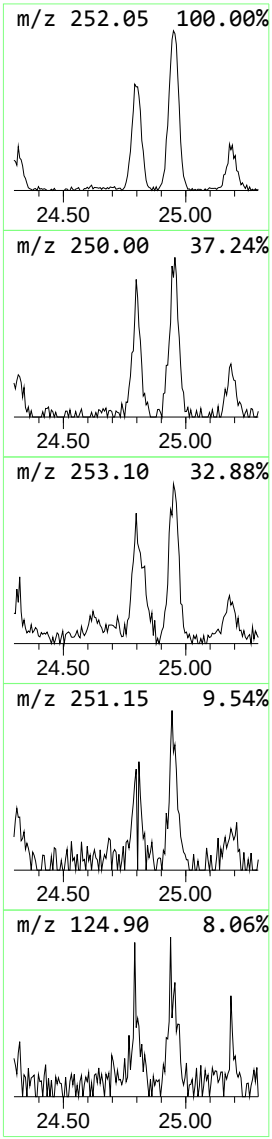
****

Peak Number 19 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.797	8.31 ng	156488	Perylene-d12	25.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	81
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81
3	Benzo[e]pyrene	252	C20H12	000192-97-2	76
4	Benzo[a]pyrene	252	C20H12	000050-32-8	74
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
Data File : BG048834.D
Acq On : 22 Apr 2021 00:49
Operator : CG/JU
Sample : M2025-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 104-SB-2

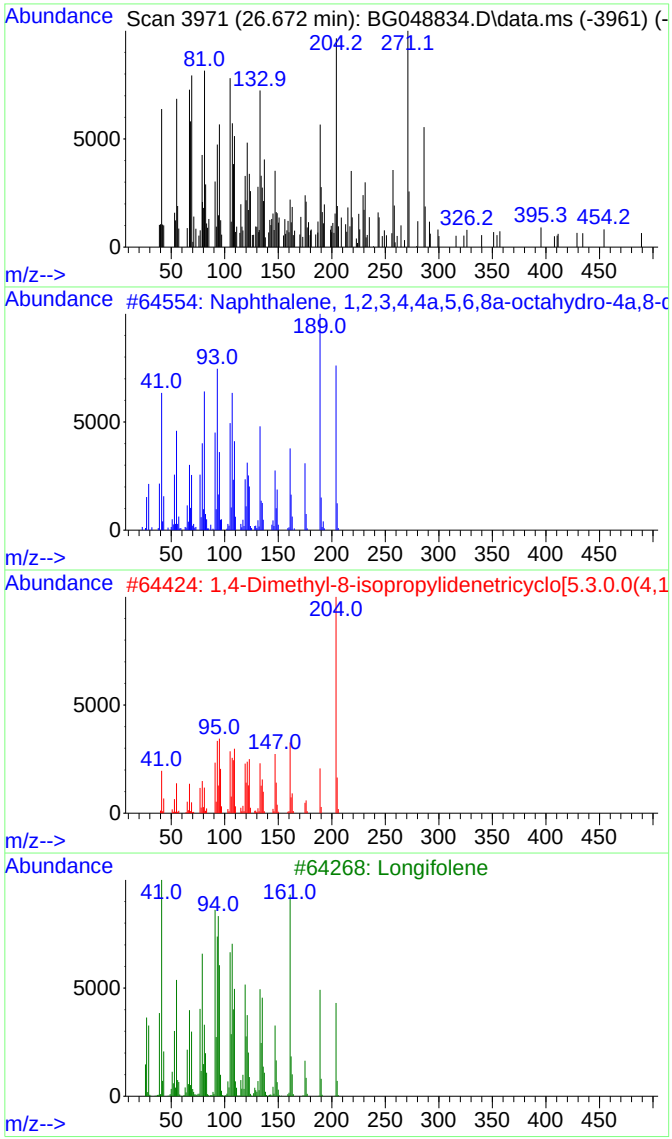
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

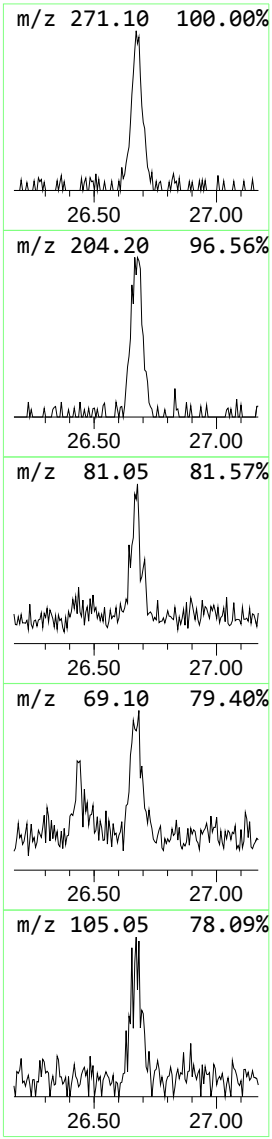
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Naphthalene, 1,2,3,4,4a,5,6... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.672	15.96 ng	300393	Perylene-d12	25.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	84
2	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	51
3	Longifolene	204	C15H24	000475-20-7	38
4	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	35
5	1H-Cycloprop[e]azulene, 1a,2,3,5...	204	C15H24	021747-46-6	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
Data File : BG048834.D
Acq On : 22 Apr 2021 00:49
Operator : CG/JU
Sample : M2025-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 104-SB-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1H-3a,7-Methano...	14.039	6.7	ng	98450	3	14.721	293551	20.0
1H-3a,7-Methano...	14.151	5.4	ng	79730	3	14.721	293551	20.0
unknown18.364	18.364	2.8	ng	47667	4	17.476	343671	20.0
4H-Cyclopenta[d...	18.558	3.4	ng	57640	4	17.476	343671	20.0
unknown18.857	18.857	2.1	ng	36854	4	17.476	343671	20.0
unknown19.122	19.122	4.7	ng	81370	4	17.476	343671	20.0
unknown19.274	19.274	2.5	ng	43668	4	17.476	343671	20.0
unknown19.333	19.333	2.3	ng	38842	4	17.476	343671	20.0
Pyrene, 1-methyl-	20.214	2.3	ng	58555	5	21.783	516408	20.0
unknown20.385	20.385	3.0	ng	78120	5	21.783	516408	20.0
2-Phenanthrenol...	20.731	16.5	ng	426633	5	21.783	516408	20.0
unknown20.773	20.773	4.6	ng	118196	5	21.783	516408	20.0
2,4,4,6,6,8,8-H...	20.984	5.0	ng	128951	5	21.783	516408	20.0
Cyclohexadecane	21.395	8.9	ng	230556	5	21.783	516408	20.0
unknown22.065	22.065	2.3	ng	58183	5	21.783	516408	20.0
Chrysene, 5-met...	22.523	2.3	ng	58203	5	21.783	516408	20.0
1-Octadecene	22.606	5.9	ng	153392	5	21.783	516408	20.0
n-Propyl 9-tetr...	24.204	2.9	ng	53903	6	25.109	376443	20.0
Perylene	24.797	8.3	ng	156488	6	25.109	376443	20.0
Naphthalene, 1,...	26.672	16.0	ng	300393	6	25.109	376443	20.0