LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064337.D
Acq On : 10 Sep 2025 18:07
Operator : RC/JU
Sample : Q3048-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-258

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-BG082825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064337.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.969	314	320	327	rVB	42878	67121	3.48%	0.333%
2	5.433	393	399	408	rBV	380720	595544	30.88%	2.958%
3	7.014	659	668	676	rBV	415580	699139	36.25%	3.472%
4	7.842	802	809	816	rBV	93171	154454	8.01%	0.767%
5	8.994	994	1005	1014	rBV	263102	456208	23.65%	2.266%
6	10.627	1274	1283	1289	rBV	122558	233584	12.11%	1.160%
7	11.661	1454	1459	1467	rBV6	12334	25468	1.32%	0.126%
8	12.061	1523	1527	1537	rVB2	23698	38215	1.98%	0.190%
9	13.018	1685	1690	1694	rVB2	14494	20292	1.05%	0.101%
10	13.089	1694	1702	1710	rVB	639349	989983	51.33%	4.917%
11	13.306	1733	1739	1745	rBV	36155	55604	2.88%	0.276%
12	13.964	1844	1851	1855	rVB2	25266	37965	1.97%	0.189%
13	14.193	1884	1890	1898	rBV2	25175	55026	2.85%	0.273%
14	14.305	1904	1909	1916	rVB8	12295	26571	1.38%	0.132%
15	14.376	1916	1921	1926	rBV	51371	72885	3.78%	0.362%
16	14.470	1930	1937	1943	rVV	184392	301785	15.65%	1.499%
17	14.998	2023	2027	2033	rVB5	17556	28477	1.48%	0.141%
18	15.327	2079	2083	2088	rBV	55795	68967	3.58%	0.343%
19	15.515	2110	2115	2118	rBV6	13851	20250	1.05%	0.101%
20	15.733	2146	2152	2158	rBV3	27392	49123	2.55%	0.244%
21	15.827	2162	2168	2174	rVB	88758	137103	7.11%	0.681%
22	15.956	2183	2190	2196	rBV	648543	981143	50.87%	4.873%
23	16.185	2224	2229	2232	rBV	86173	123990	6.43%	0.616%
24	16.215	2232	2234	2239	rVB2	56368	62172	3.22%	0.309%
25	16.861	2339	2344	2353	rBV	168178	247929	12.85%	1.231%
26	16.978	2360	2364	2369	rBV2	60003	75042	3.89%	0.373%
27	17.031	2369	2373	2380	rVB3	41440	68517	3.55%	0.340%
28	17.208	2397	2403	2407	rBV2	250453	382699	19.84%	1.901%
29	17.249	2407	2410	2418	rVV	88110	117517	6.09%	0.584%
30	17.343	2421	2426	2430	rVB	65460	97074	5.03%	0.482%
31	17.401	2430	2436	2441	rBV8	16974	34429	1.79%	0.171%
32	17.719	2485	2490	2496	rVB2	66349	85280	4.42%	0.424%
33	17.995	2530	2537	2541	rBV9	13835	30099	1.56%	0.149%
34	18.112	2549	2557	2568	rBV2	242390	396917	20.58%	1.971%
35	18.212	2570	2574	2579	rVB3	18944	26182	1.36%	0.130%
36	18.271	2579	2584	2588	rBV4	40001	75847	3.93%	0.377%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064337.D
Acq On : 10 Sep 2025 18:07
Operator : RC/JU
Sample : Q3048-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-258

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-BG082825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.406	2602	2607	2616	rBV2	63332	86363	4.48%	0.429%
38	18.582	2633	2637	2641	rBV	19231	32272	1.67%	0.160%
39	18.876	2684	2687	2691	rVV3	17120	23225	1.20%	0.115%
40	19.000	2704	2708	2712	rBV2	40879	55163	2.86%	0.274%
41	19.035	2712	2714	2722	rVB5	39559	64297	3.33%	0.319%
42	19.135	2727	2731	2735	rBV	63648	90239	4.68%	0.448%
43	19.264	2746	2753	2761	rBV	495769	757193	39.26%	3.761%
44	19.323	2761	2763	2767	rVB5	15982	21075	1.09%	0.105%
45	19.381	2767	2773	2776	rBV3	97041	146126	7.58%	0.726%
46	19.622	2802	2814	2822	rBV	586973	1009727	52.35%	5.015%
47	19.699	2822	2827	2832	rVB4	33481	63829	3.31%	0.317%
48	19.828	2840	2849	2854	rBV	1504511	1928689	100.00%	9.579%
49	19.945	2864	2869	2875	rBV3	67666	153943	7.98%	0.765%
50	20.110	2888	2897	2908	rVB2	201160	427673	22.17%	2.124%
51	20.216	2911	2915	2919	rBV	97091	136096	7.06%	0.676%
52	20.275	2921	2925	2929	rVB2	77411	116483	6.04%	0.579%
53	20.410	2944	2948	2952	rBV	71097	97230	5.04%	0.483%
54	20.457	2952	2956	2961	rVB3	58297	89310	4.63%	0.444%
55	20.703	2995	2998	3001	rBV5	27642	35797	1.86%	0.178%
56	20.862	3022	3025	3031	rVB2	62925	93230	4.83%	0.463%
57	21.038	3047	3055	3058	rBV3	71326	146273	7.58%	0.726%
58	21.079	3058	3062	3064	rVV2	74796	96063	4.98%	0.477%
59	21.115	3064	3068	3075	rVB3	136996	242984	12.60%	1.207%
60	21.344	3104	3107	3111	rVB2	51684	72340	3.75%	0.359%
61	21.426	3114	3121	3127	rVV2	488548	1331625	69.04%	6.614%
62	21.479	3127	3130	3139	rVB	365600	620524	32.17%	3.082%
63	21.626	3151	3155	3161	rBV2	53692	110944	5.75%	0.551%
64	21.814	3182	3187	3193	rBV3	46282	103408	5.36%	0.514%
65	22.055	3225	3228	3231	rBV3	21098	31230	1.62%	0.155%
66	22.125	3232	3240	3246	rVB	87601	194050	10.06%	0.964%
67	22.196	3247	3252	3256	rBV4	49620	91915	4.77%	0.457%
68	22.378	3279	3283	3287	rBV	41440	65223	3.38%	0.324%
69	22.554	3310	3313	3318	rVB4	57939	92123	4.78%	0.458%
70	22.748	3341	3346	3354	rBV4	33588	87957	4.56%	0.437%
71	23.494	3465	3473	3480	rBV	319859	984877	51.06%	4.892%
72	23.653	3496	3500	3506	rVB6	56220	102865	5.33%	0.511%
73	23.729	3508	3513	3519	rVB	65740	143127	7.42%	0.711%
74	23.923	3539	3546	3547	rBV6	25082	45907	2.38%	0.228%
75	24.164	3580	3587	3599	rVB	204601	547191	28.37%	2.718%
76	24.299	3602	3610	3623	rVV	264126	678334	35.17%	3.369%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064337.D
Acq On : 10 Sep 2025 18:07
Operator : RC/JU
Sample : Q3048-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-258

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-BG082825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	24.440	3625	3634	3641	rVV	222664	611775	31.72%	3.038%
78	24.505	3642	3645	3659	rVB3	75496	221317	11.47%	1.099%
79	25.515	3809	3817	3823	rBV5	45695	121484	6.30%	0.603%
80	26.808	4034	4037	4040	rBV5	15214	22087	1.15%	0.110%
81	27.813	4197	4208	4222	rBV3	106223	479287	24.85%	2.380%
82	28.864	4376	4387	4399	rVB3	80640	348147	18.05%	1.729%
83	29.305	4458	4462	4463	rBV4	21654	24724	1.28%	0.123%
84	30.562	4670	4676	4677	rBV6	12075	19799	1.03%	0.098%
85	31.138	4765	4774	4785	rVB6	31044	130047	6.74%	0.646%

Sum of corrected areas: 20134188

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064337.D
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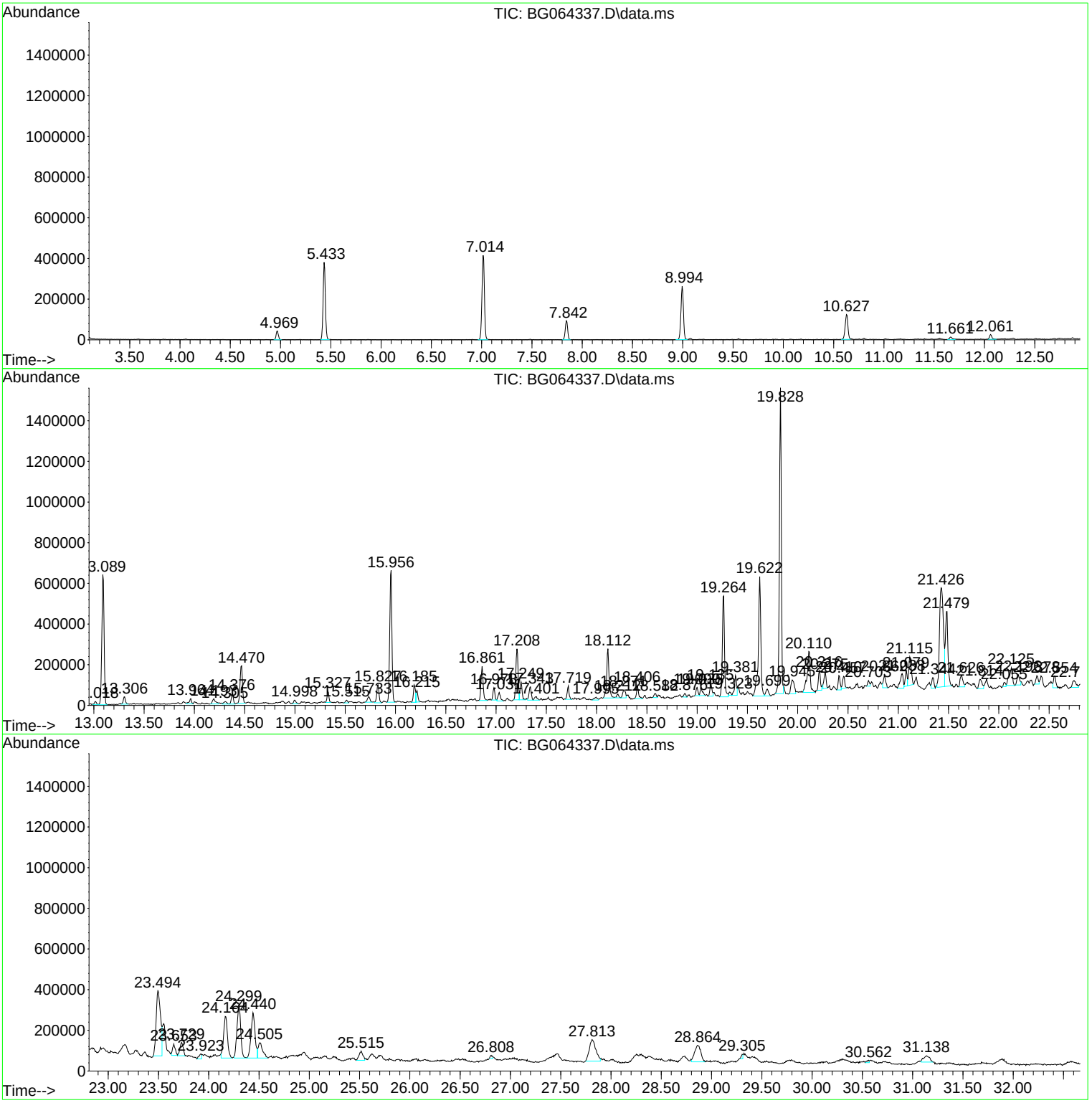
Sample : Q3048-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-258

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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\BG091025\
Data File : BG064337.D
Acq On : 10 Sep 2025 18:07
Operator : RC/JU
Sample : Q3048-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-258

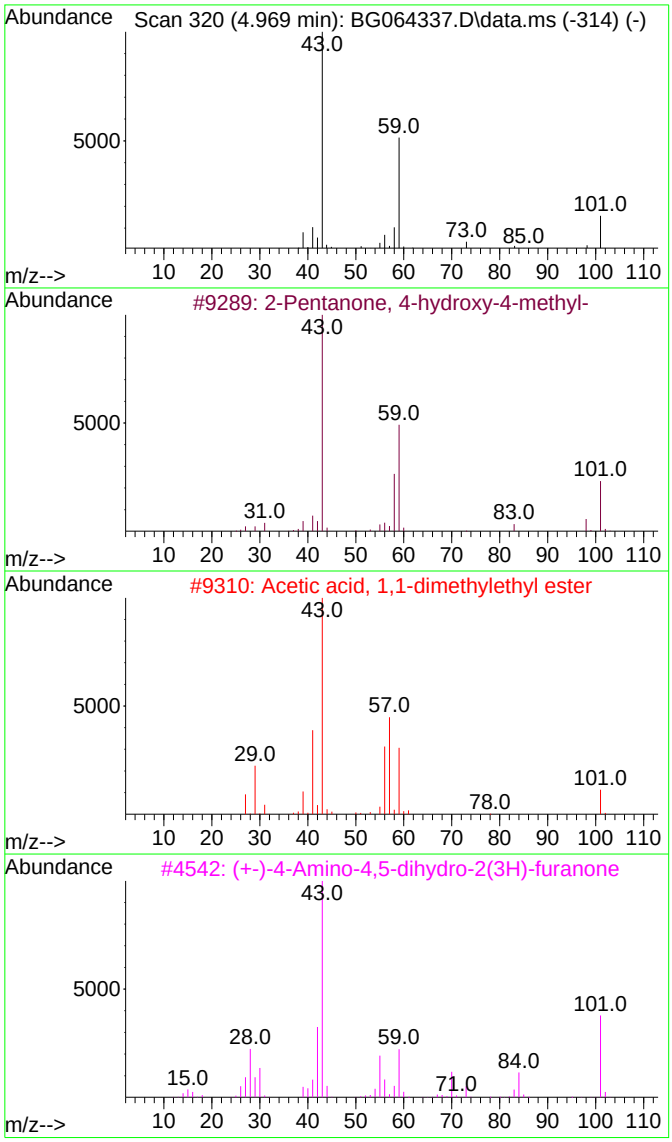
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

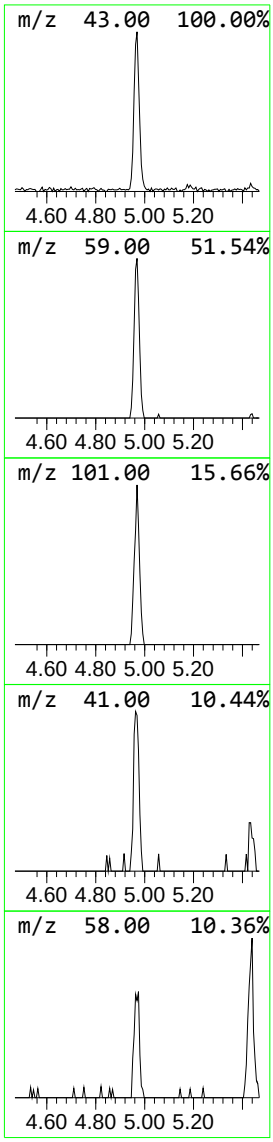
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.969	8.69 ng	67121	1,4-Dichlorobenzene-d4	7.842

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064337.D
Acq On : 10 Sep 2025 18:07
Operator : RC/JU
Sample : Q3048-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-258

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

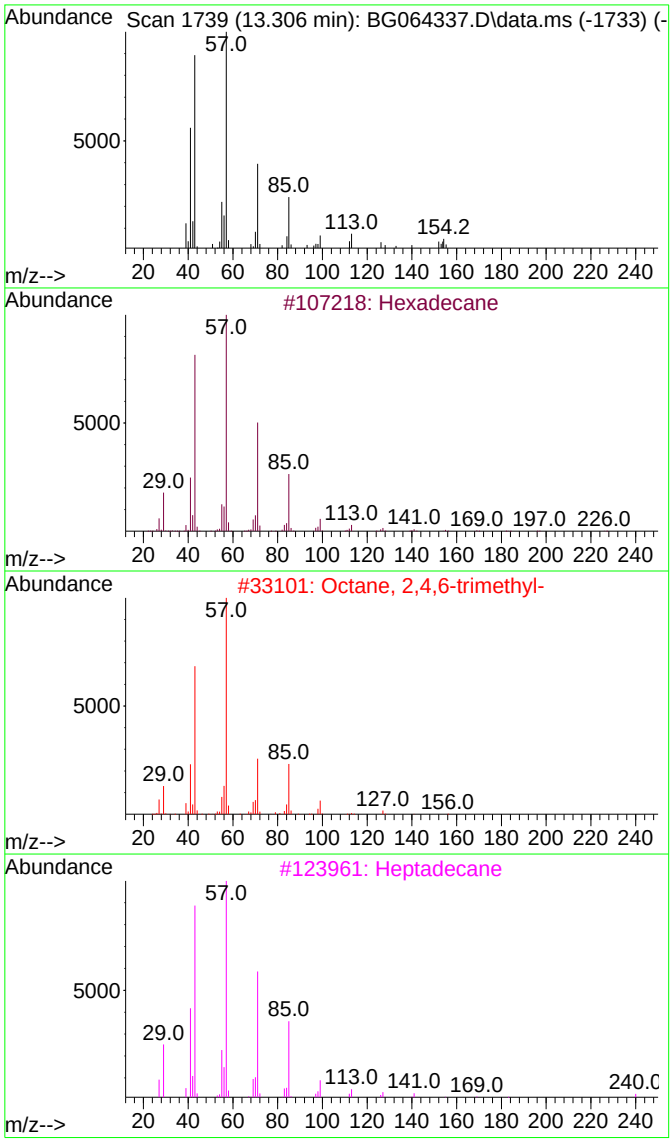
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

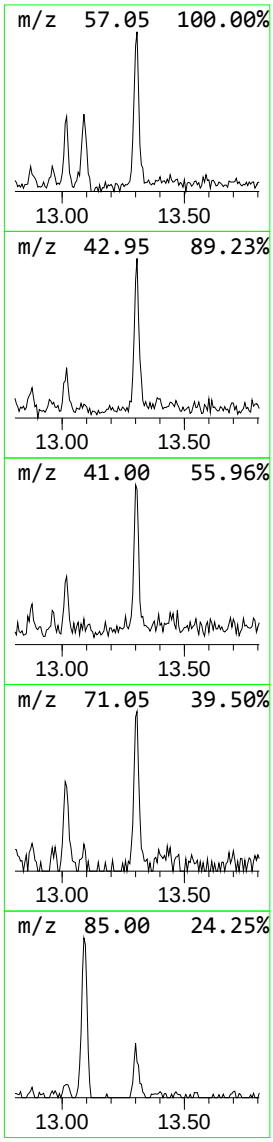
****

Peak Number 2 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.306	3.69 ng	55604	Acenaphthene-d10	14.470

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
3	Heptadecane	240	C17H36	000629-78-7	64
4	Tridecane	184	C13H28	000629-50-5	64
5	1-Iodoundecane	282	C11H23I	004282-44-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064337.D
Acq On : 10 Sep 2025 18:07
Operator : RC/JU
Sample : Q3048-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-258

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

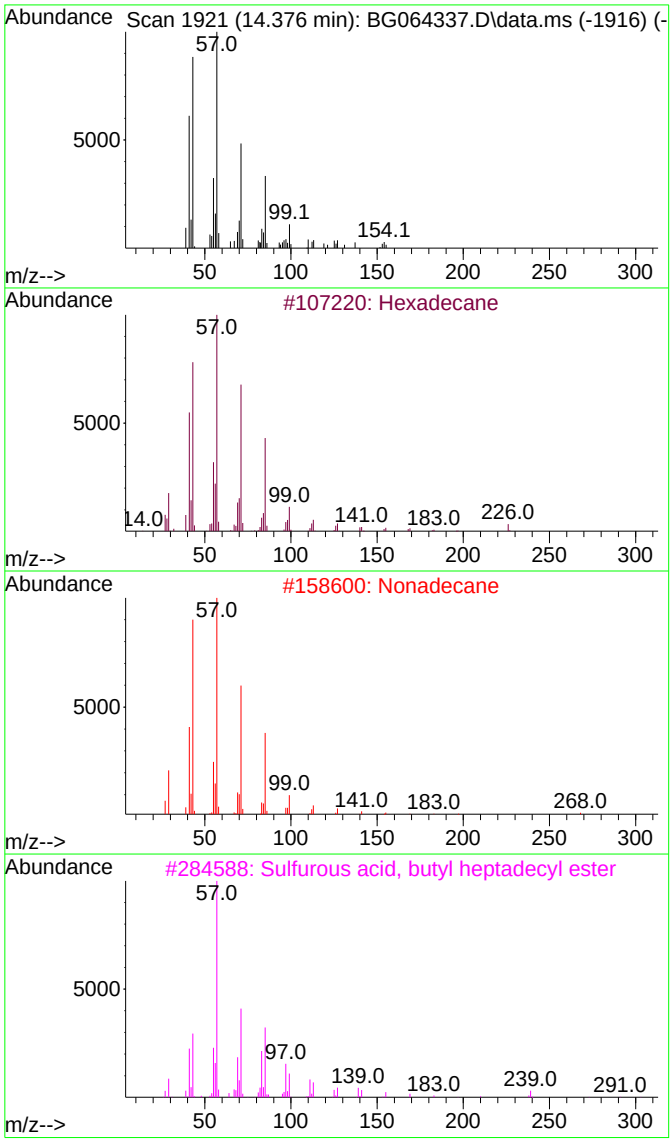
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

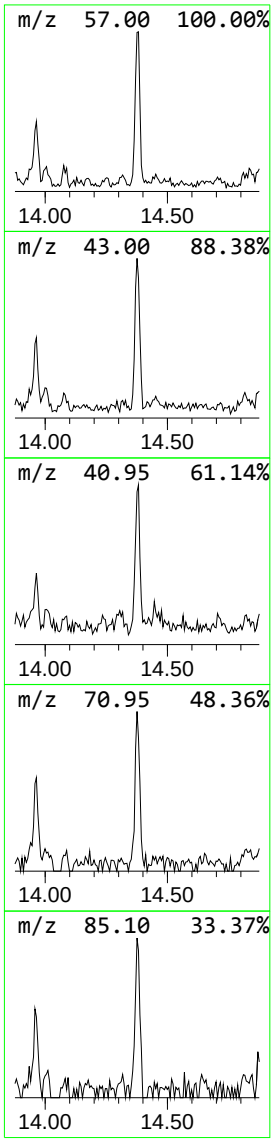
****

Peak Number 3 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.376	4.83 ng	72885	Acenaphthene-d10	14.470

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Nonadecane	268	C19H40	000629-92-5	80
3	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	80
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	74
5	Tetradecane	198	C14H30	000629-59-4	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064337.D
Acq On : 10 Sep 2025 18:07
Operator : RC/JU
Sample : Q3048-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-258

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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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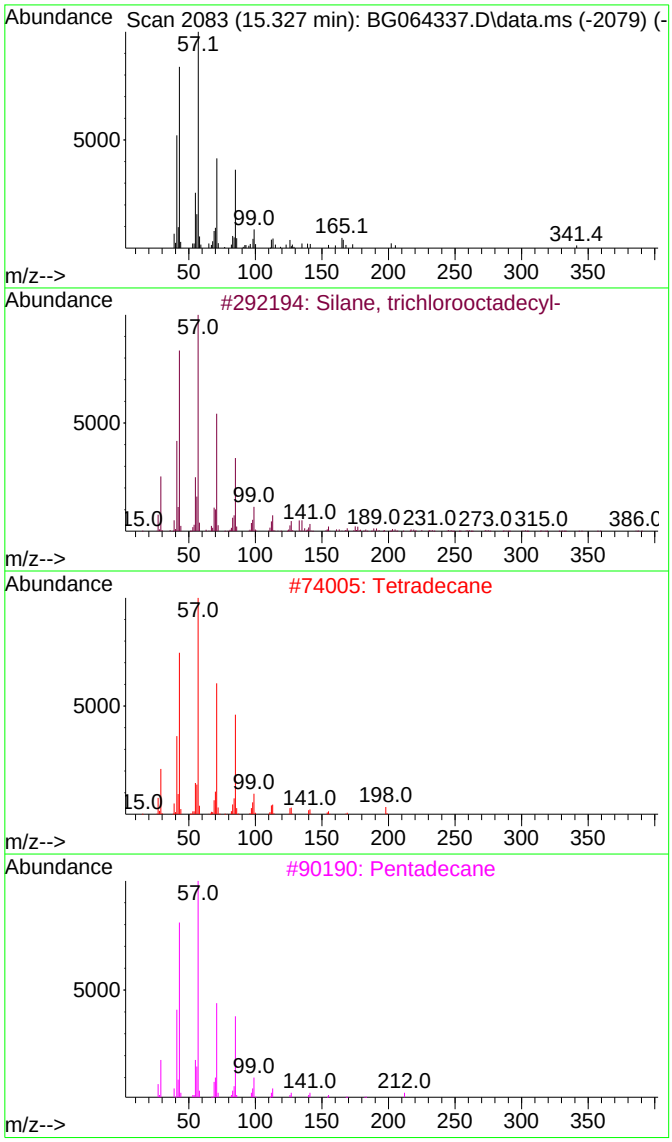
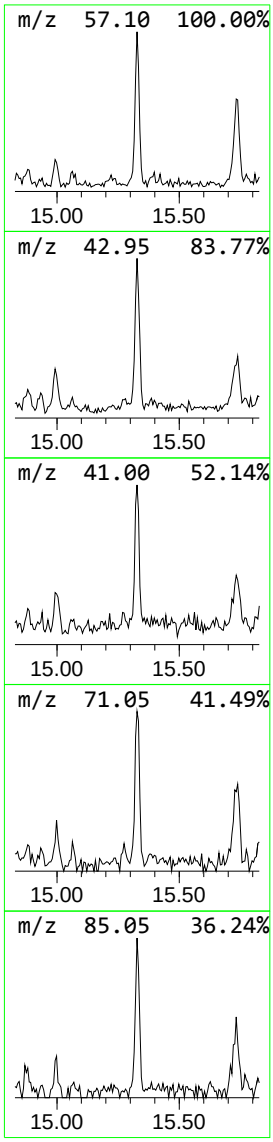
Peak Number 4 Silane, trichlorooctadecyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	4.57 ng	68967	Acenaphthene-d10	14.470

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	80
2	Tetradecane	198	C14H30	000629-59-4	80
3	Pentadecane	212	C15H32	000629-62-9	80
4	Heptadecane	240	C17H36	000629-78-7	72
5	Dodecane	170	C12H26	000112-40-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064337.D
Acq On : 10 Sep 2025 18:07
Operator : RC/JU
Sample : Q3048-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-258

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

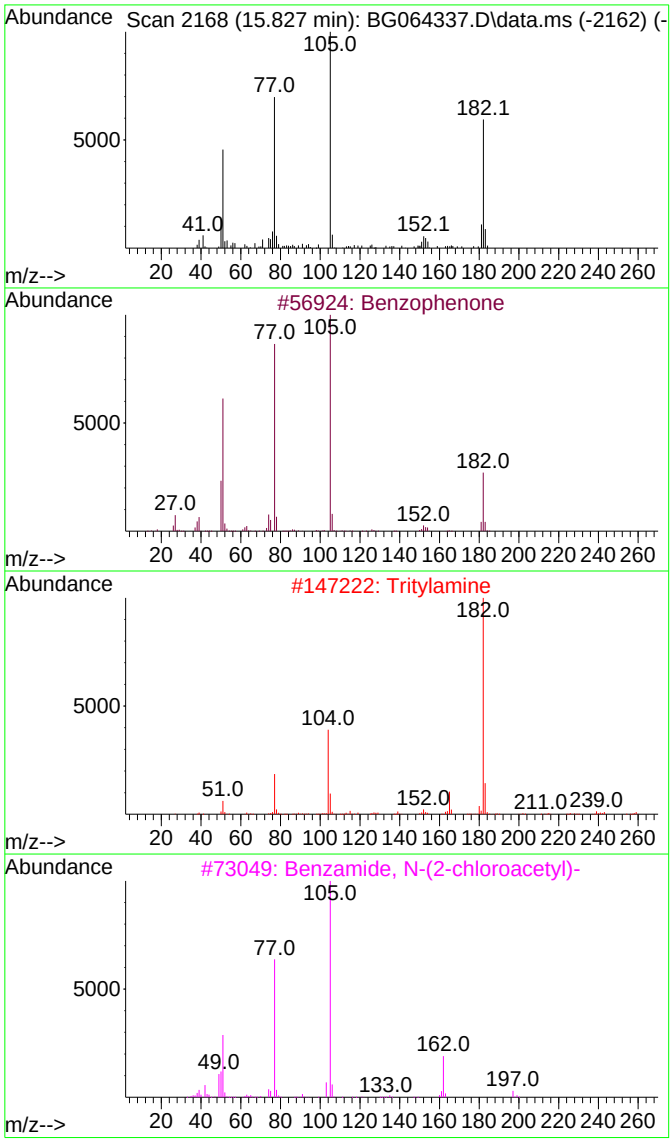
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

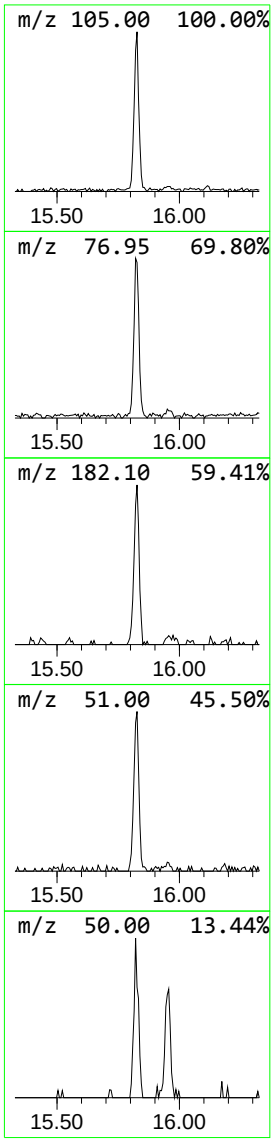
****

Peak Number 5 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.827	9.09 ng	137103	Acenaphthene-d10	14.470

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Tritylamine	259	C19H17N	005824-40-8	59
3	Benzamide, N-(2-chloroacetyl)-	197	C9H8ClNO2	1000303-20-8	47
4	Ethanedione, diphenyl-	210	C14H10O2	000134-81-6	47
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064337.D
Acq On : 10 Sep 2025 18:07
Operator : RC/JU
Sample : Q3048-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-258

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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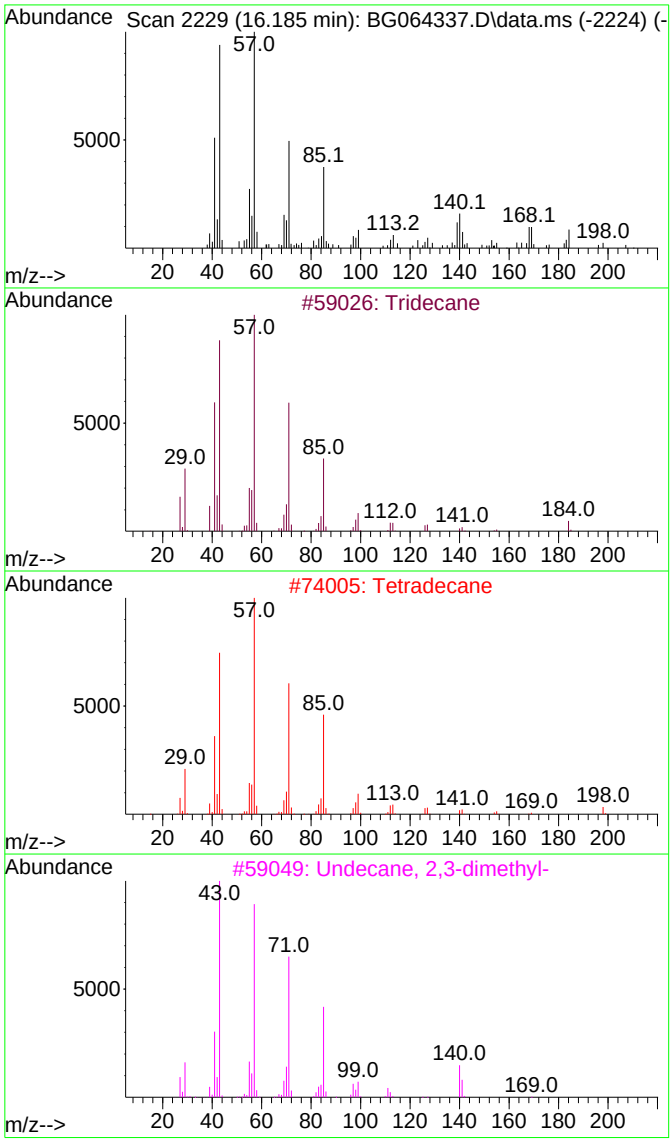
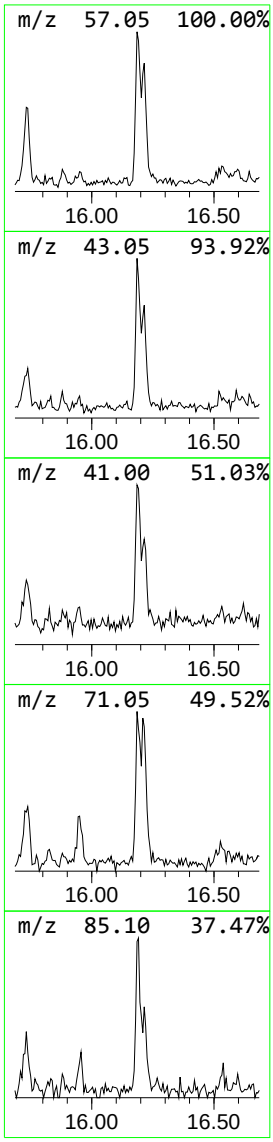
Peak Number 6 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.185	6.48 ng	123990	Phenanthrene-d10	17.208

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tetradecane	198	C14H30	000629-59-4	91
3	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	62
4	5-Ethyldecane	170	C12H26	017302-36-2	58
5	Hexadecane	226	C16H34	000544-76-3	52





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Sample : Q3048-01
Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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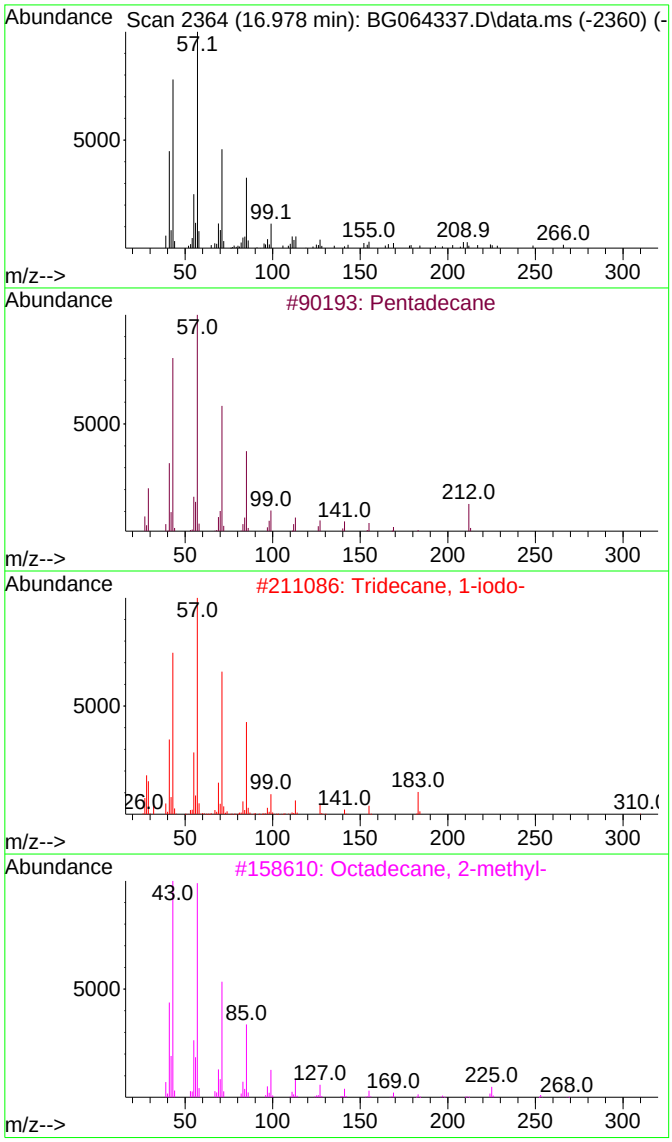
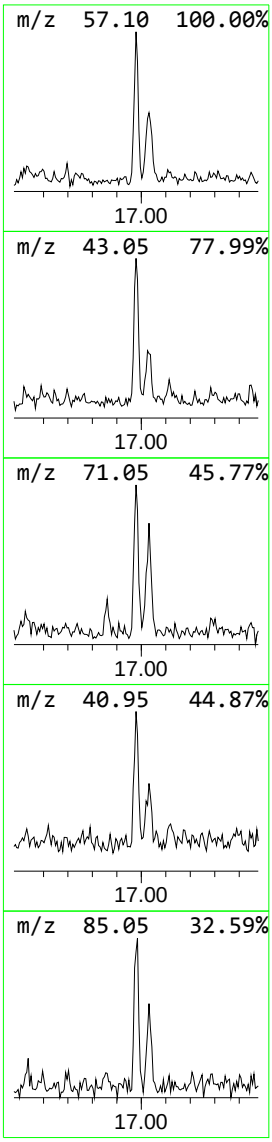
Peak Number 7 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.978	3.92 ng	75042	Phenanthrene-d10	17.208

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
4	Eicosane	282	C20H42	000112-95-8	83
5	Nonadecane	268	C19H40	000629-92-5	83





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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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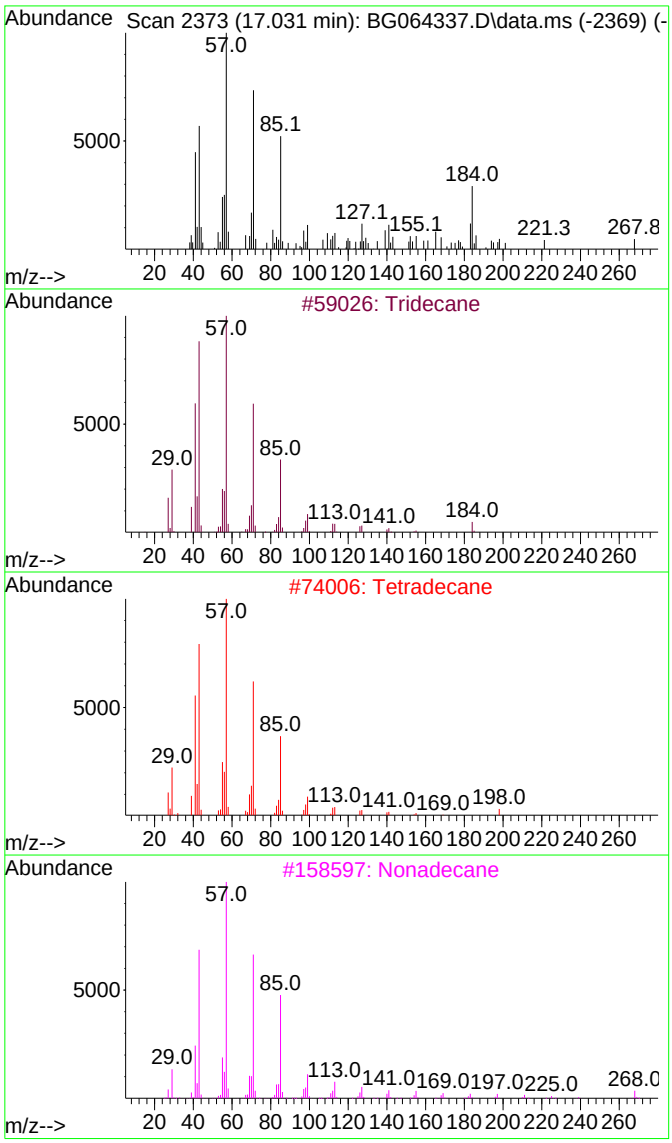
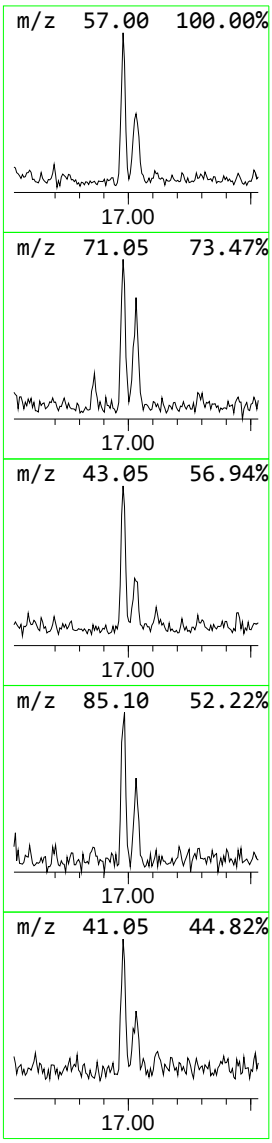
Peak Number 8 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.031	3.58 ng	68517	Phenanthrene-d10	17.208

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	72
2	Tetradecane	198	C14H30	000629-59-4	64
3	Nonadecane	268	C19H40	000629-92-5	62
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
5	1,3-Propanediol, decyl ethyl ether	244	C15H32O2	1000406-35-0	53





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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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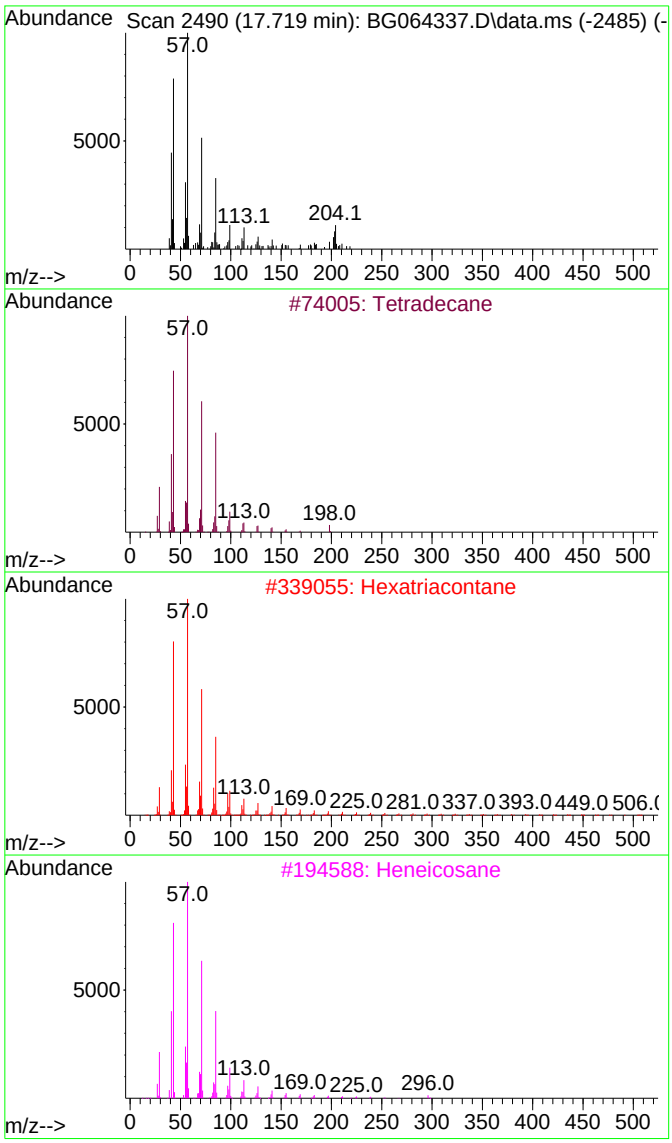
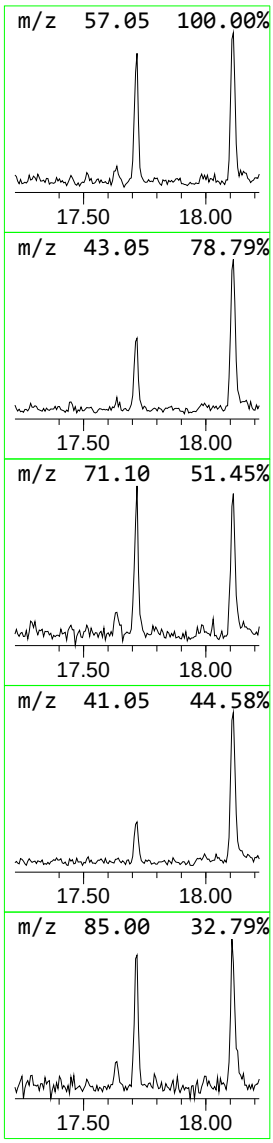
Peak Number 9 Hexatriacontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.719	4.46 ng	85280	Phenanthrene-d10	17.208

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Hexatriacontane	507	C36H74	000630-06-8	74
3	Heneicosane	296	C21H44	000629-94-7	74
4	Tetracosane	338	C24H50	000646-31-1	74
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	74





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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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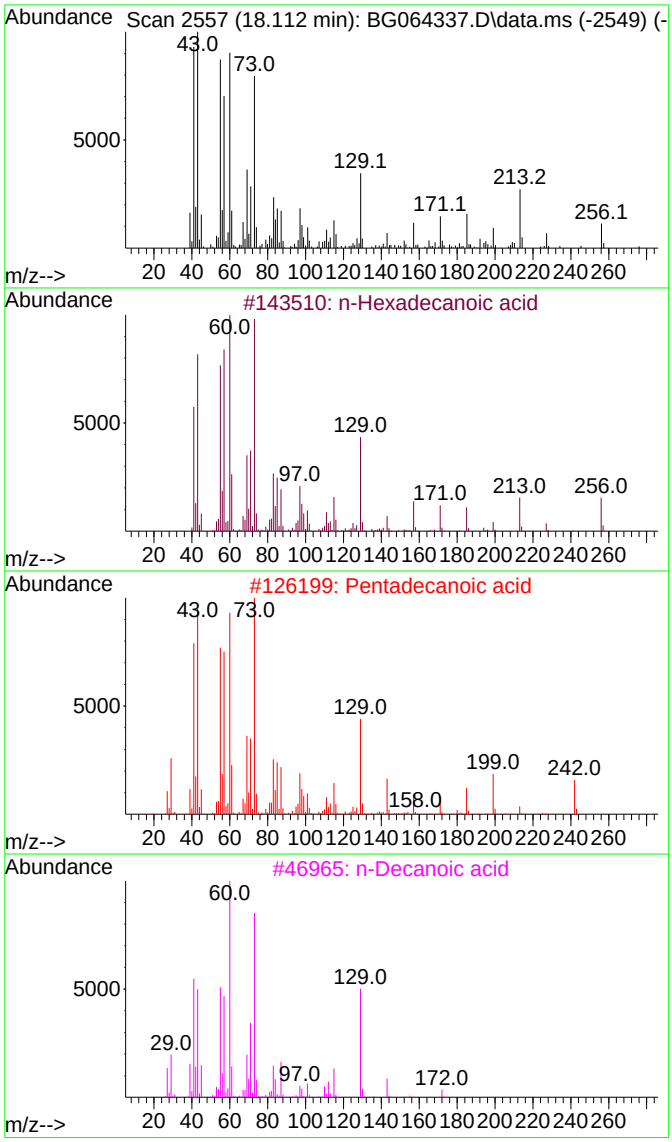
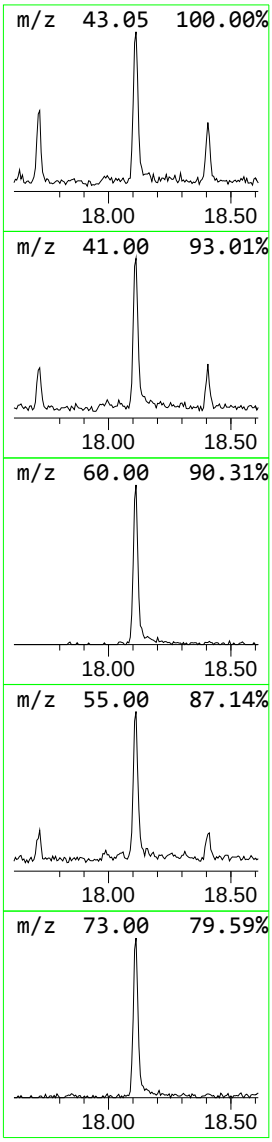
Peak Number 10 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.112	20.74 ng	396917	Phenanthrene-d10	17.208

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Undecanoic acid	186	C11H22O2	000112-37-8	50





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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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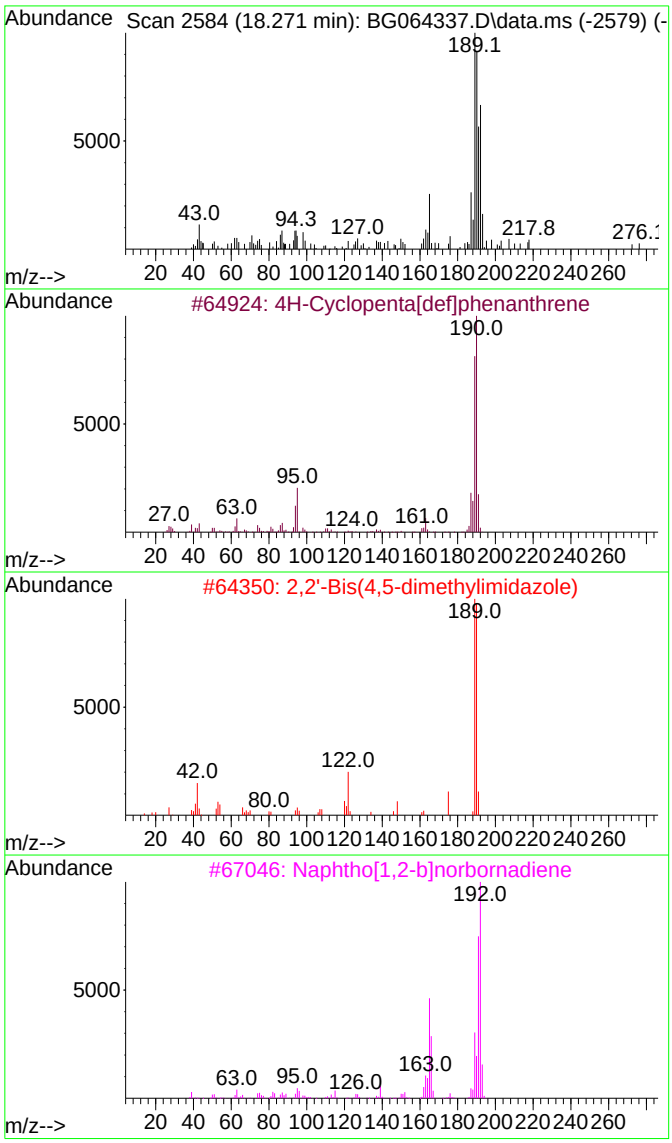
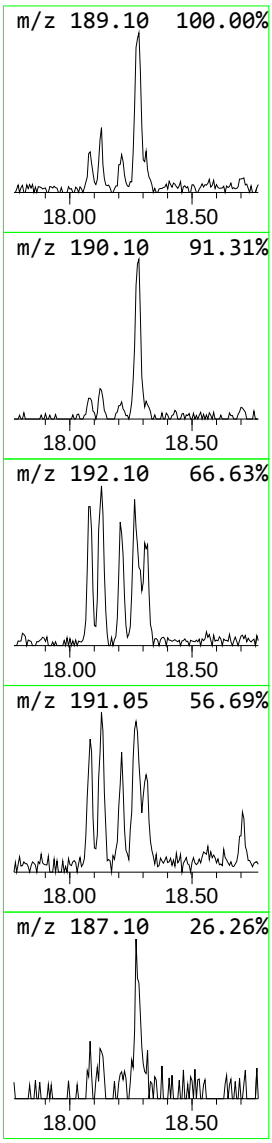
Peak Number 11 unknown18.271 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.271	3.96 ng	75847	Phenanthrene-d10	17.208

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	38





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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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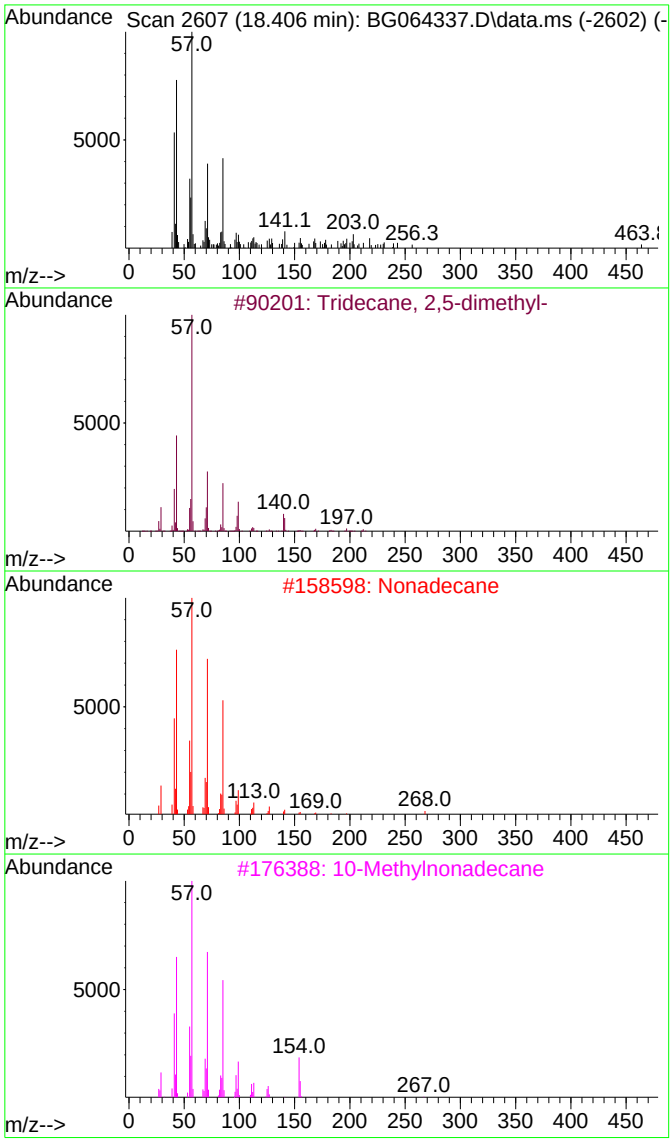
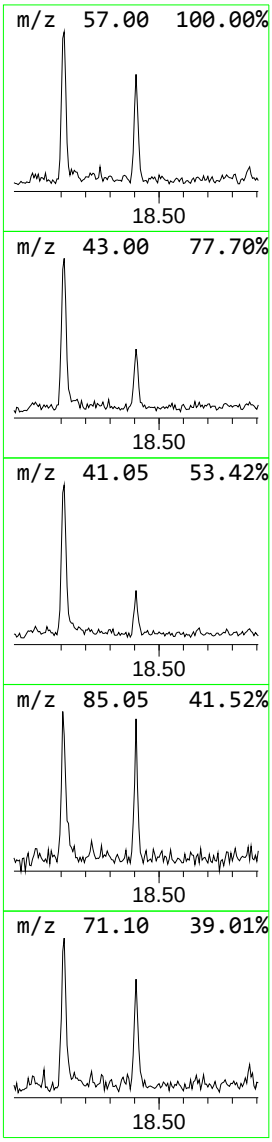
Peak Number 12 Tridecane, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.406	4.51 ng	86363	Phenanthrene-d10	17.208

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	58
2	Nonadecane	268	C19H40	000629-92-5	58
3	10-Methylnonadecane	282	C20H42	056862-62-5	58
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	49
5	Pentadecane	212	C15H32	000629-62-9	46





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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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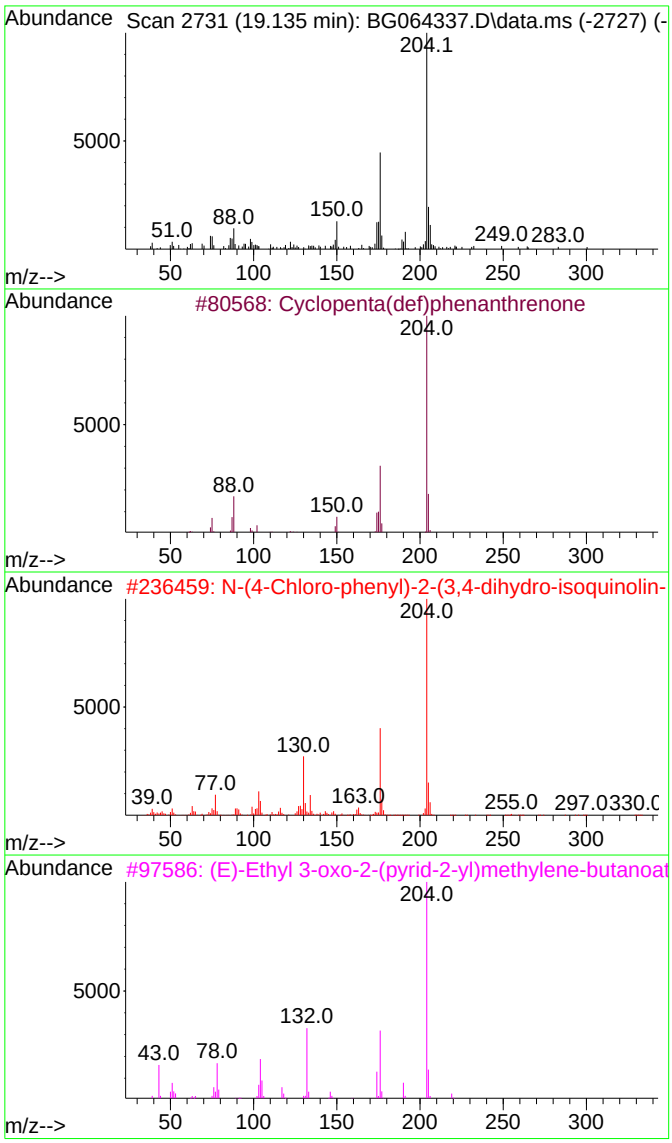
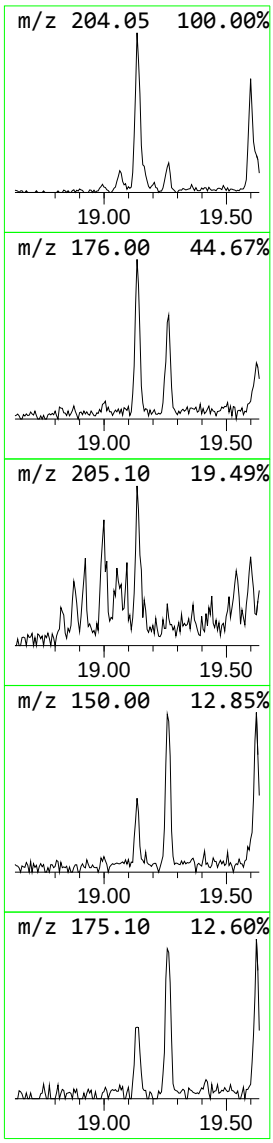
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.135	4.72 ng	90239	Phenanthrene-d10	17.208

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	64
3	(E)-Ethyl 3-oxo-2-(pyrid-2-yl)me...	219	C12H13NO3	1000147-59-7	45
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	40
5	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	38





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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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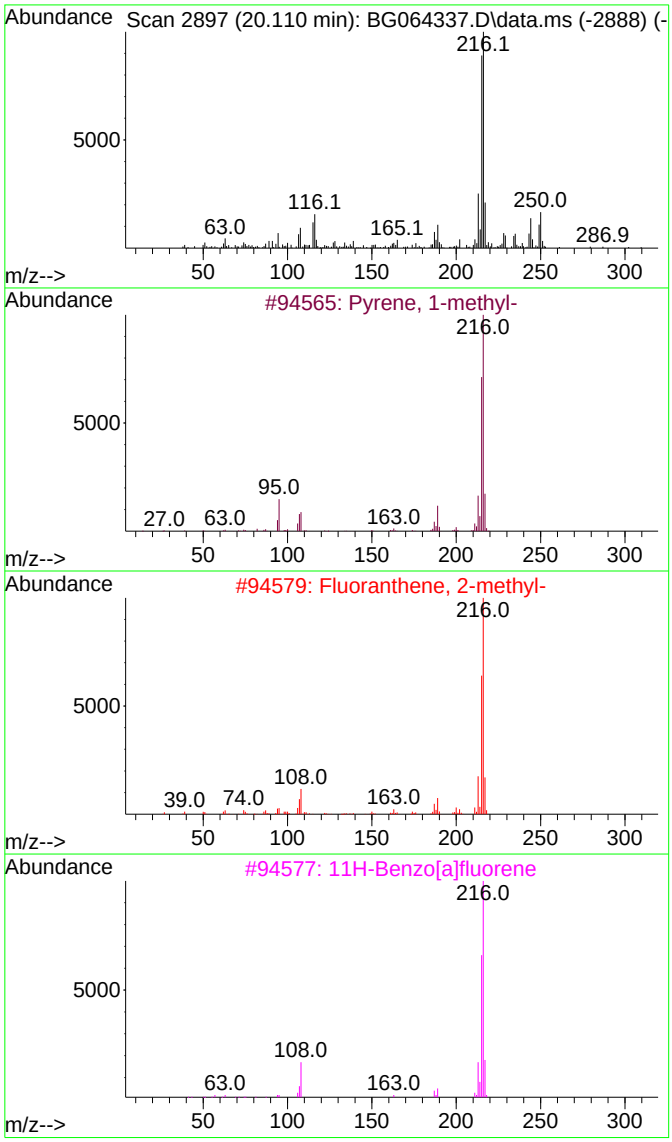
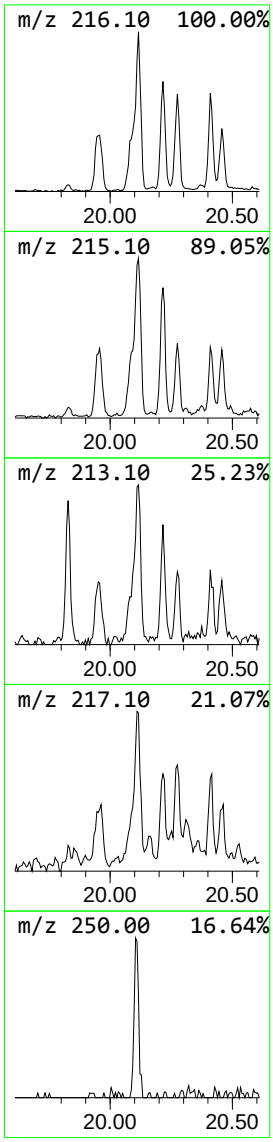
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.110	6.42 ng	427673	Chrysene-d12	21.438

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Pyrene, 1-(chloromethyl)-	250	C17H11Cl	001086-00-6	86
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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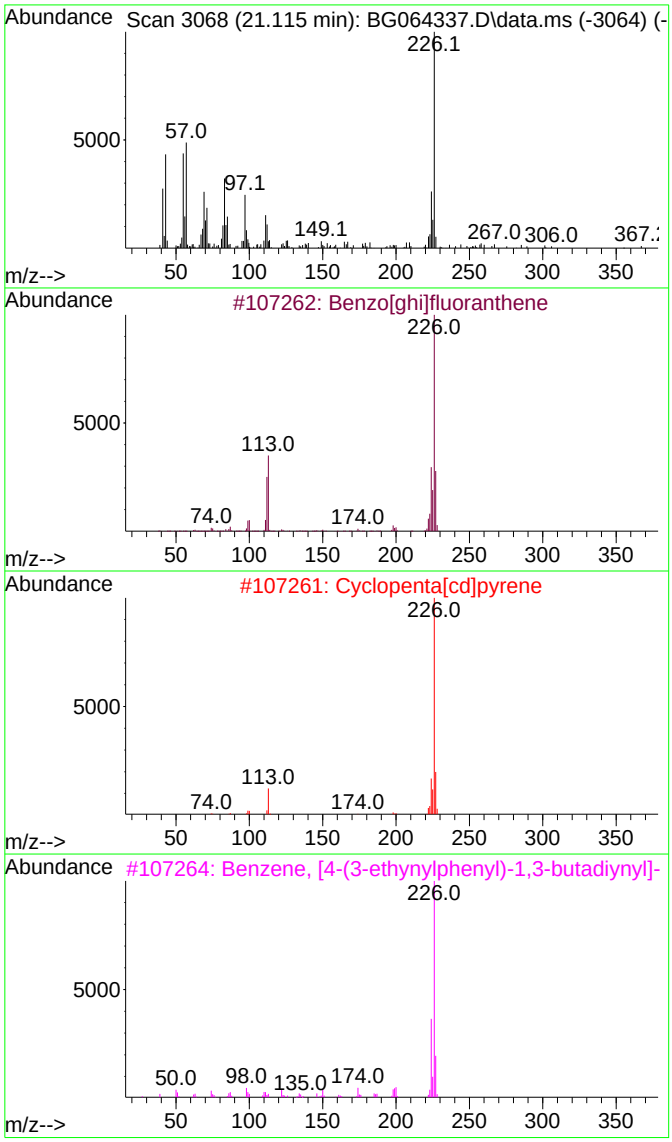
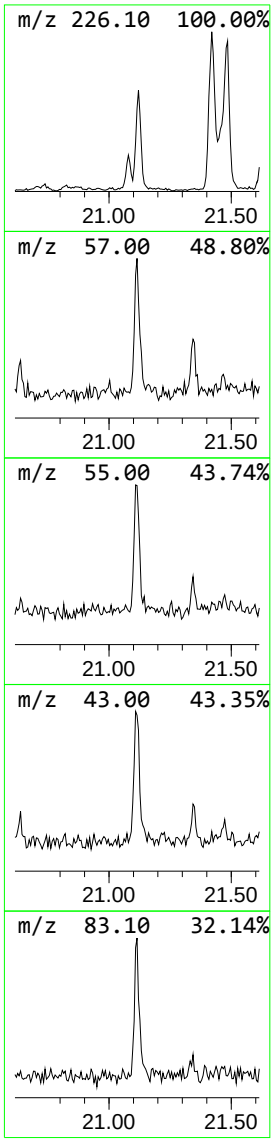
Peak Number 15 unknown21.115 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.115	3.65 ng	242984	Chrysene-d12	21.438

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	47
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
3	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	32
4	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	32
5	Isonipecotic acid, N-(3-methylbu...	311	C18H33NO3	1000360-99-1	25





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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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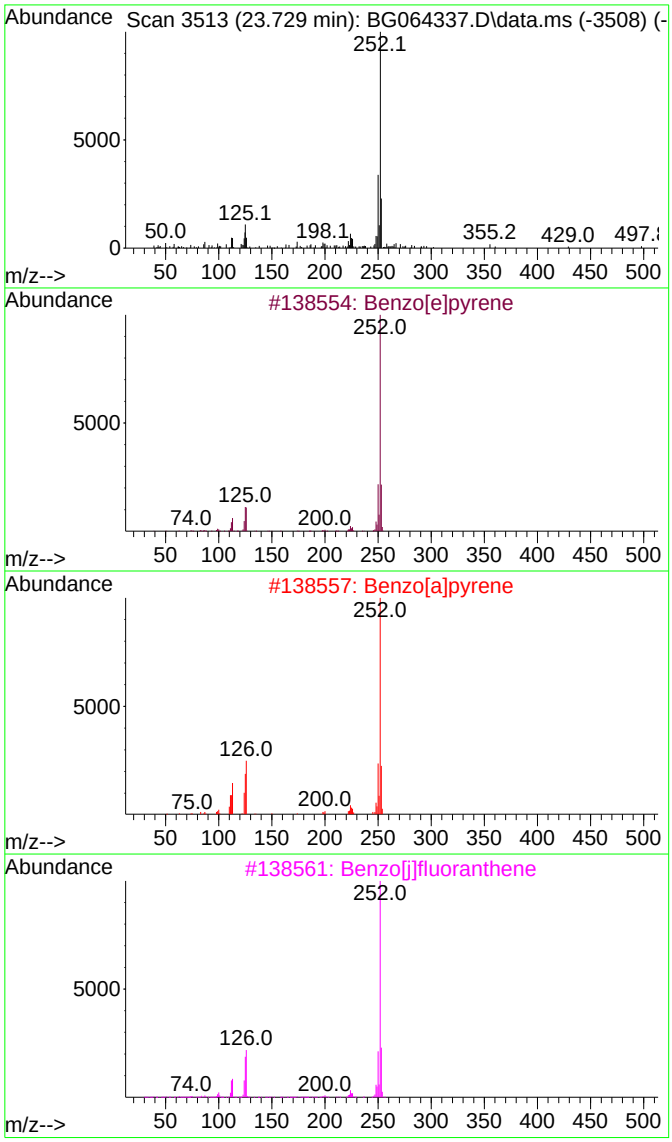
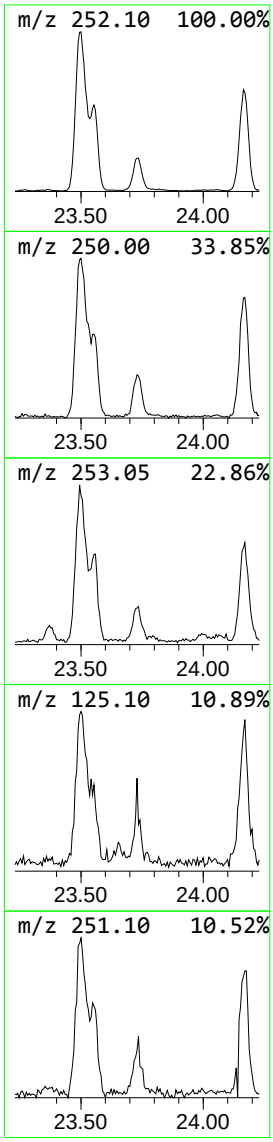
Peak Number 16 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.729	4.68 ng	143127	Perylene-d12	24.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	87
2	Benzo[a]pyrene	252	C20H12	000050-32-8	81
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	76
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76





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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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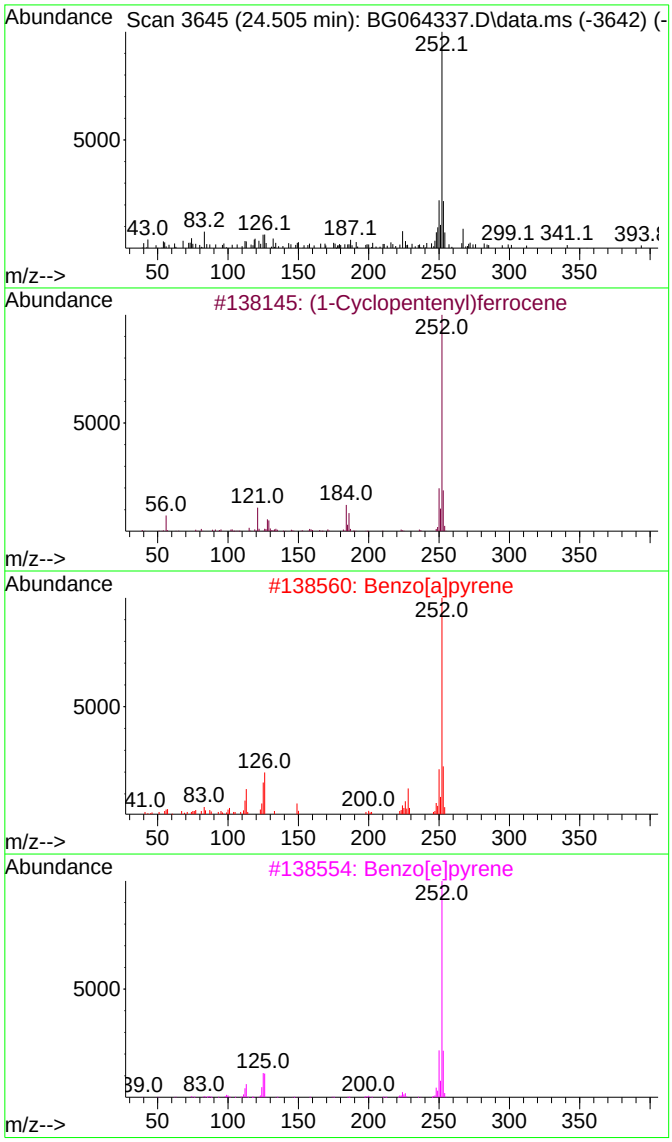
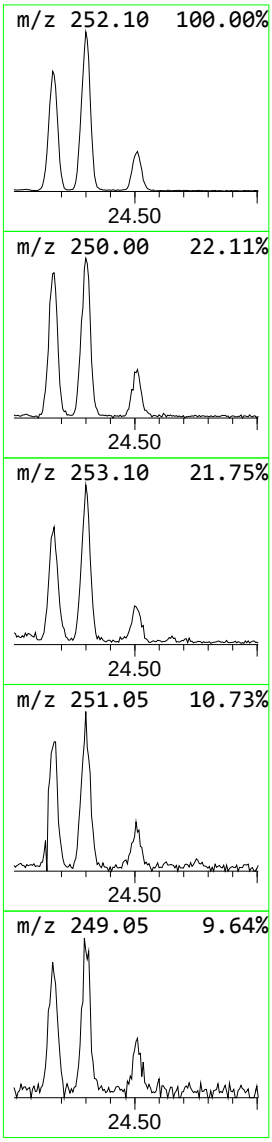
Peak Number 18 (1-Cyclopentenyl)ferrocene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.505	7.24 ng	221317	Perylene-d12	24.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	80
2	Benzo[a]pyrene	252	C20H12	000050-32-8	76
3	Benzo[e]pyrene	252	C20H12	000192-97-2	68
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	68
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	64





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

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

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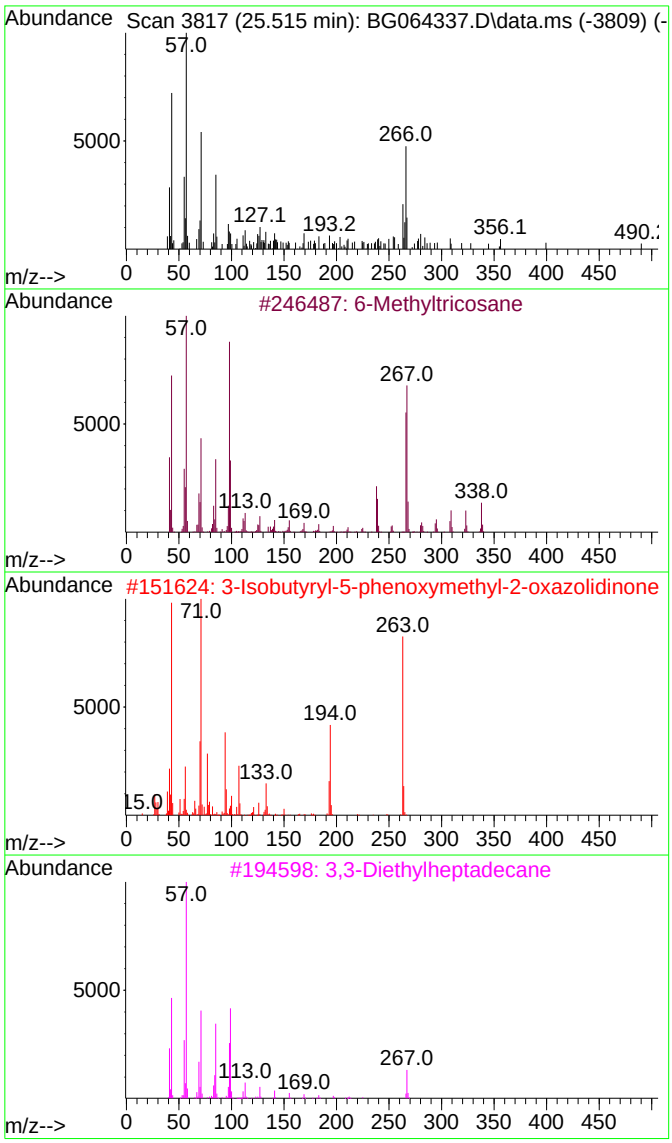
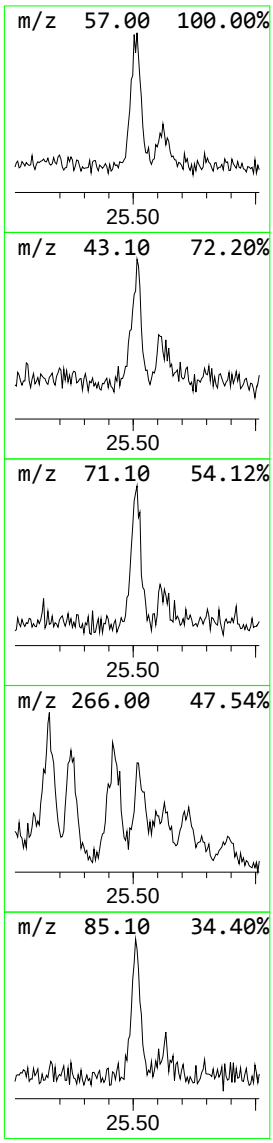
Peak Number 19 unknown25.515 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.515	3.97 ng	121484	Perylene-d12	24.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyltricosane	338	C24H50	1000131-18-0	40
2	3-Isobutyryl-5-phenoxymethyl-2-o...	263	C14H17NO4	014789-97-0	27
3	3,3-Diethylheptadecane	296	C21H44	1000360-41-6	27
4	4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	25
5	2-Anthracenecarboxamide, 9,10-di...	335	C20H17NO4	1000351-03-6	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064337.D
Acq On : 10 Sep 2025 18:07
Operator : RC/JU
Sample : Q3048-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-258

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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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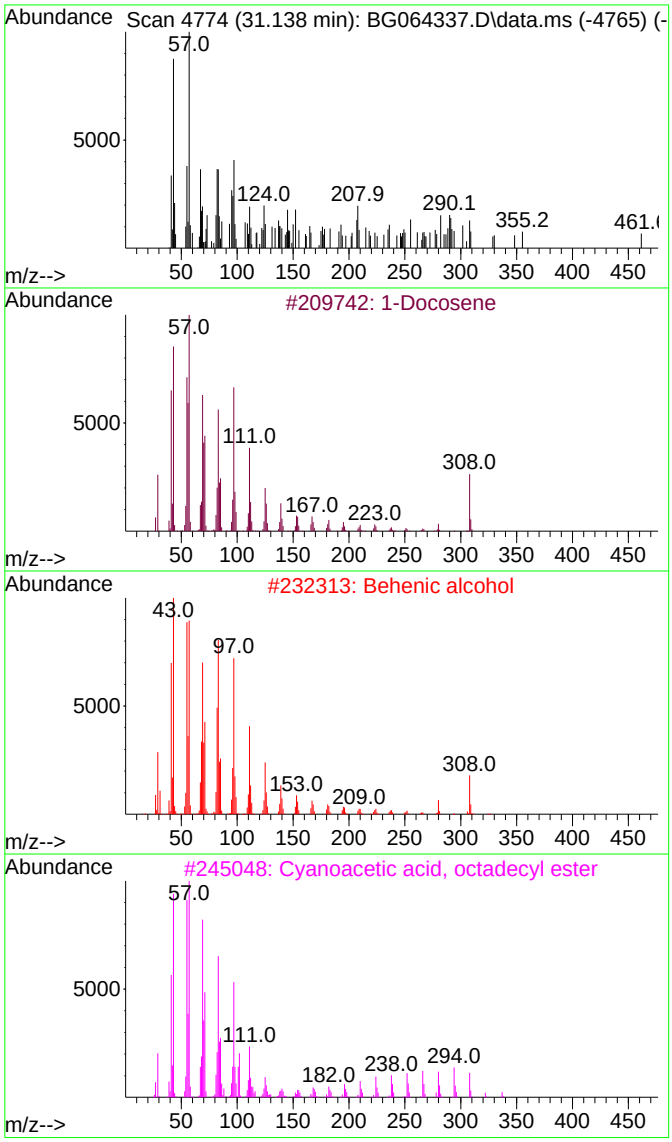
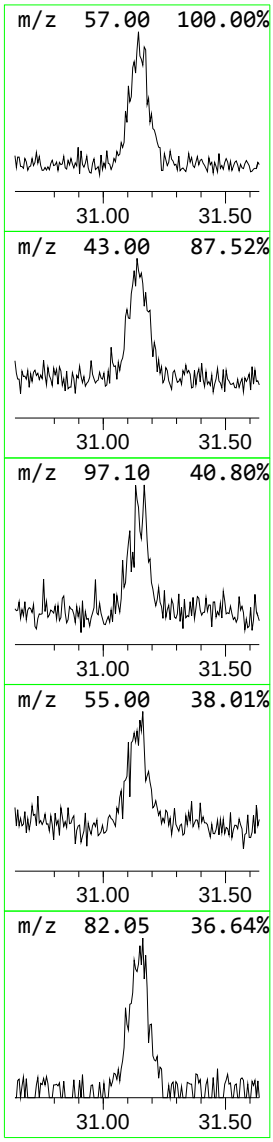
Peak Number 20 unknown31.138 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.138	4.25 ng	130047	Perylene-d12	24.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	25
2	Behenic alcohol	326	C22H46O	000661-19-8	22
3	Cyanoacetic acid, octadecyl ester	337	C21H39NO2	1000406-23-5	22
4	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	20
5	E-8-Methyl-9-tetradecen-1-ol ace...	268	C17H32O2	1000130-81-4	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091025\
Data File : BG064337.D
Acq On : 10 Sep 2025 18:07
Operator : RC/JU
Sample : Q3048-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-258

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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
2-Pentanone, 4-...	4.969	8.7	ng	67121	1	7.842	154454	20.0
Hexadecane	13.306	3.7	ng	55604	3	14.470	301785	20.0
Nonadecane	14.376	4.8	ng	72885	3	14.470	301785	20.0
Silane, trichlo...	15.327	4.6	ng	68967	3	14.470	301785	20.0
Benzophenone	15.827	9.1	ng	137103	3	14.470	301785	20.0
Tridecane	16.185	6.5	ng	123990	4	17.208	382699	20.0
Pentadecane	16.978	3.9	ng	75042	4	17.208	382699	20.0
Tetradecane	17.031	3.6	ng	68517	4	17.208	382699	20.0
Hexatriacontane	17.719	4.5	ng	85280	4	17.208	382699	20.0
n-Hexadecanoic ...	18.112	20.7	ng	396917	4	17.208	382699	20.0
unknown18.271	18.271	4.0	ng	75847	4	17.208	382699	20.0
Tridecane, 2,5-...	18.406	4.5	ng	86363	4	17.208	382699	20.0
Cyclopenta(def)...	19.135	4.7	ng	90239	4	17.208	382699	20.0
Pyrene, 1-methyl-	20.110	6.4	ng	427673	5	21.438	1331630	20.0
unknown21.115	21.115	3.6	ng	242984	5	21.438	1331630	20.0
Benzo[e]pyrene	23.729	4.7	ng	143127	6	24.440	611775	20.0
(1-Cyclopenteny...	24.505	7.2	ng	221317	6	24.440	611775	20.0
unknown25.515	25.515	4.0	ng	121484	6	24.440	611775	20.0
unknown31.138	31.138	4.3	ng	130047	6	24.440	611775	20.0