LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064244.D
Acq On : 2 Sep 2025 14:03
Operator : RC/JU
Sample : Q2991-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 309

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: BG064244.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.185	3	16	17	rBV2	241244	730409	2.49%	0.526%
2	4.072	162	167	174	rBV	702143	1101280	3.75%	0.794%
3	5.388	383	391	399	rVB	2512799	4064334	13.86%	2.930%
4	5.482	399	407	408	rVV	605177	761170	2.60%	0.549%
5	5.529	408	415	431	rVB	6430668	16013547	54.60%	11.543%
6	5.887	469	476	484	rVB	3548682	5741905	19.58%	4.139%
7	5.964	484	489	497	rVB	283119	420897	1.44%	0.303%
8	6.857	631	641	647	rBV2	138615	360770	1.23%	0.260%
9	6.957	654	658	663	rVB	297421	420248	1.43%	0.303%
10	7.021	663	669	670	rVV	195592	330790	1.13%	0.238%
11	7.056	670	675	690	rVB2	369754	1282275	4.37%	0.924%
12	7.315	711	719	723	rVB	537749	1089035	3.71%	0.785%
13	7.497	744	750	758	rBV2	621065	1504308	5.13%	1.084%
14	7.850	803	810	816	rVB3	308602	581165	1.98%	0.419%
15	7.926	816	823	828	rBV3	143054	295922	1.01%	0.213%
16	8.402	898	904	909	rVB3	227382	439446	1.50%	0.317%
17	8.496	916	920	923	rBV3	204658	329855	1.12%	0.238%
18	8.525	923	925	934	rVB2	269032	424757	1.45%	0.306%
19	8.631	936	943	946	rBV	253020	407086	1.39%	0.293%
20	8.966	991	1000	1004	rBV2	313068	671682	2.29%	0.484%
21	9.007	1004	1007	1012	rVB	308244	459814	1.57%	0.331%
22	9.095	1013	1022	1031	rVB	1637016	2684644	9.15%	1.935%
23	9.225	1031	1044	1048	rBV10	345837	1332130	4.54%	0.960%
24	9.935	1155	1165	1170	rVB3	210056	608214	2.07%	0.438%
25	10.006	1172	1177	1181	rBV	224429	345448	1.18%	0.249%
26	10.288	1220	1225	1233	rVB2	158343	365261	1.25%	0.263%
27	10.635	1276	1284	1291	rBV2	1070762	1855996	6.33%	1.338%
28	11.216	1374	1383	1394	rVB5	552055	2066464	7.05%	1.490%
29	11.316	1394	1400	1402	rBV4	175596	314964	1.07%	0.227%
30	11.357	1402	1407	1410	rBV4	179756	369929	1.26%	0.267%
31	11.492	1424	1430	1436	rBV5	122670	311230	1.06%	0.224%
32	11.569	1437	1443	1446	rVV3	252004	594469	2.03%	0.428%
33	11.669	1449	1460	1467	rVV5	795280	3543889	12.08%	2.554%
34	11.745	1467	1473	1476	rVV4	472039	1142760	3.90%	0.824%
35	11.804	1476	1483	1486	rVV2	638277	1375287	4.69%	0.991%
36	11.839	1486	1489	1497	rVB4	144679	312477	1.07%	0.225%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064244.D
Acq On : 2 Sep 2025 14:03
Operator : RC/JU
Sample : Q2991-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
309

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	12.080	1525	1530	1539	rVB2	336748	640070	2.18%	0.461%
38	12.286	1560	1565	1570	rBV2	235469	501351	1.71%	0.361%
39	12.391	1575	1583	1589	rVB	1170238	1978652	6.75%	1.426%
40	13.108	1697	1705	1711	rBV	935166	1483645	5.06%	1.069%
41	13.320	1734	1741	1749	rVB	203057	298839	1.02%	0.215%
42	14.042	1856	1864	1871	rVB5	127580	322622	1.10%	0.233%
43	14.242	1890	1898	1902	rBV	300466	537144	1.83%	0.387%
44	14.389	1918	1923	1928	rBV	237923	368171	1.26%	0.265%
45	14.483	1933	1939	1944	rVV2	411881	711843	2.43%	0.513%
46	14.736	1975	1982	1984	rVV	417819	671953	2.29%	0.484%
47	14.783	1985	1990	1994	rVV	778613	1328579	4.53%	0.958%
48	14.836	1994	1999	2005	rVB	253335	416583	1.42%	0.300%
49	14.930	2011	2015	2022	rVB3	165511	306758	1.05%	0.221%
50	15.194	2054	2060	2071	rBV	401984	750944	2.56%	0.541%
51	15.341	2081	2085	2090	rVB	246334	324775	1.11%	0.234%
52	15.970	2185	2192	2197	rBV	727247	1148481	3.92%	0.828%
53	16.205	2228	2232	2233	rBV	400750	453140	1.55%	0.327%
54	16.469	2273	2277	2283	rVB	347919	444083	1.51%	0.320%
55	16.539	2284	2289	2291	rBV	219840	323177	1.10%	0.233%
56	16.575	2291	2295	2299	rBV	655795	779358	2.66%	0.562%
57	16.686	2311	2314	2318	rVB	313274	443737	1.51%	0.320%
58	16.757	2322	2326	2331	rVB	240114	345500	1.18%	0.249%
59	16.992	2362	2366	2371	rVV	388775	532736	1.82%	0.384%
60	17.045	2372	2375	2384	rVB	174060	306129	1.04%	0.221%
61	17.221	2400	2405	2411	rBV	445740	689823	2.35%	0.497%
62	17.732	2488	2492	2496	rVB	405132	452113	1.54%	0.326%
63	17.838	2506	2510	2515	rVB	479903	636453	2.17%	0.459%
64	17.897	2515	2520	2524	rVB3	415256	549031	1.87%	0.396%
65	18.055	2543	2547	2550	rVB	247888	296208	1.01%	0.214%
66	18.149	2554	2563	2574	rBV2	2842634	6267404	21.37%	4.518%
67	18.425	2606	2610	2619	rVB2	562523	1033155	3.52%	0.745%
68	18.531	2624	2628	2637	rBV3	158080	317274	1.08%	0.229%
69	18.984	2701	2705	2711	rBV	693400	906518	3.09%	0.653%
70	19.054	2711	2717	2725	rBV2	620453	1341053	4.57%	0.967%
71	19.213	2740	2744	2749	rBV2	573813	739324	2.52%	0.533%
72	19.307	2749	2760	2770	rBV	4210374	6846691	23.34%	4.935%
73	19.418	2772	2779	2782	rBV	2291780	3584222	12.22%	2.583%
74	19.454	2782	2785	2795	rVB	961411	1595387	5.44%	1.150%
75	19.530	2795	2798	2803	rVB2	1132445	1486289	5.07%	1.071%
76	19.589	2804	2808	2812	rBV3	613595	896016	3.06%	0.646%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064244.D
Acq On : 2 Sep 2025 14:03
Operator : RC/JU
Sample : Q2991-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
309

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	19.630	2812	2815	2819	rBV	548287	756029	2.58%	0.545%
78	19.777	2832	2840	2847	rBV	17204202	29329305	100.00%	21.140%
79	19.841	2847	2851	2860	rVB	2254326	3837820	13.09%	2.766%
80	19.977	2871	2874	2879	rBV3	292190	411832	1.40%	0.297%
81	20.165	2902	2906	2910	rVB	1214230	1480726	5.05%	1.067%
82	20.206	2910	2913	2921	rBV2	274074	587845	2.00%	0.424%
83	20.358	2934	2939	2943	rBV	831161	1405522	4.79%	1.013%
84	20.523	2963	2967	2970	rBV3	720621	1282448	4.37%	0.924%
85	20.558	2970	2973	2976	rVB	957977	1071200	3.65%	0.772%
86	21.616	3150	3153	3156	rBV	760054	863341	2.94%	0.622%

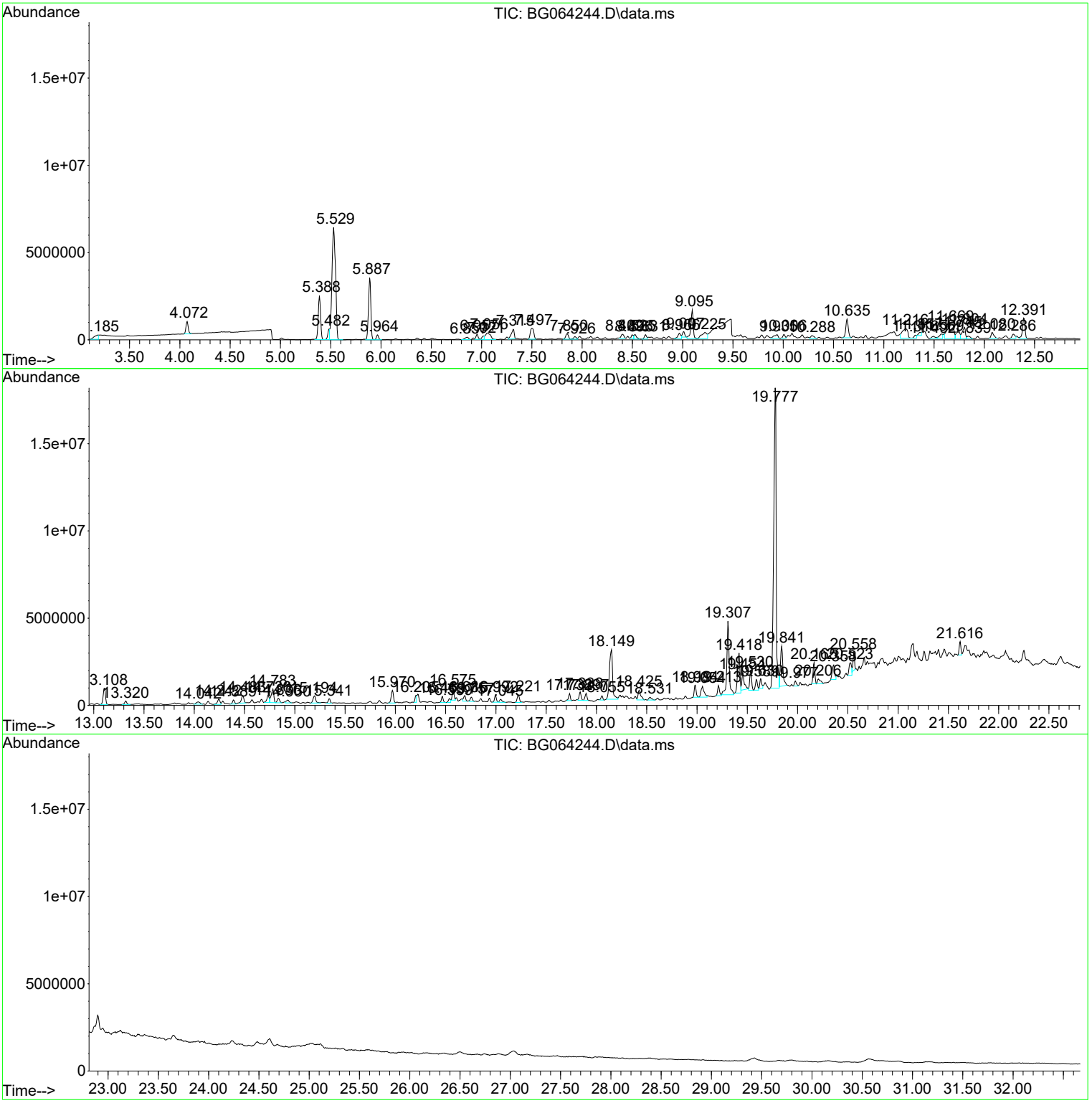
Sum of corrected areas: 138735156

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064244.D
Acq On : 2 Sep 2025 14:03
Operator : RC/JU
Sample : Q2991-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
309

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\BG090225\
Data File : BG064244.D
Acq On : 2 Sep 2025 14:03
Operator : RC/JU
Sample : Q2991-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
309

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

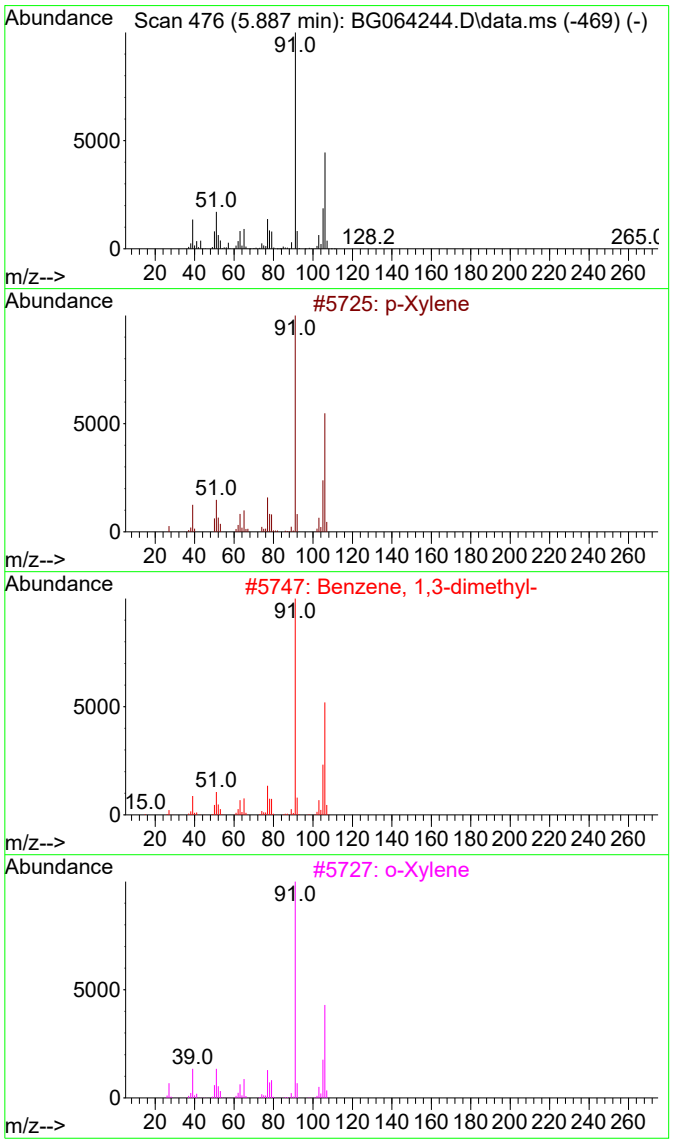
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

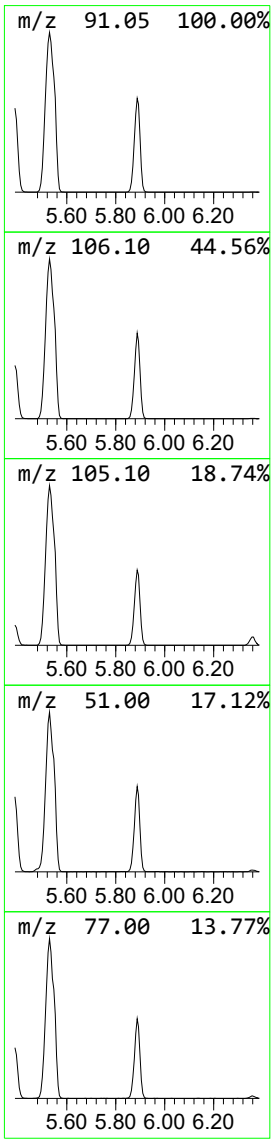
****

Peak Number 3 p-Xylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.887	197.60 ng	5741910	1,4-Dichlorobenzene-d4	7.861

Hit# of 4	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	Ethylbenzene	106	C8H10	000100-41-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064244.D
Acq On : 2 Sep 2025 14:03
Operator : RC/JU
Sample : Q2991-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
309

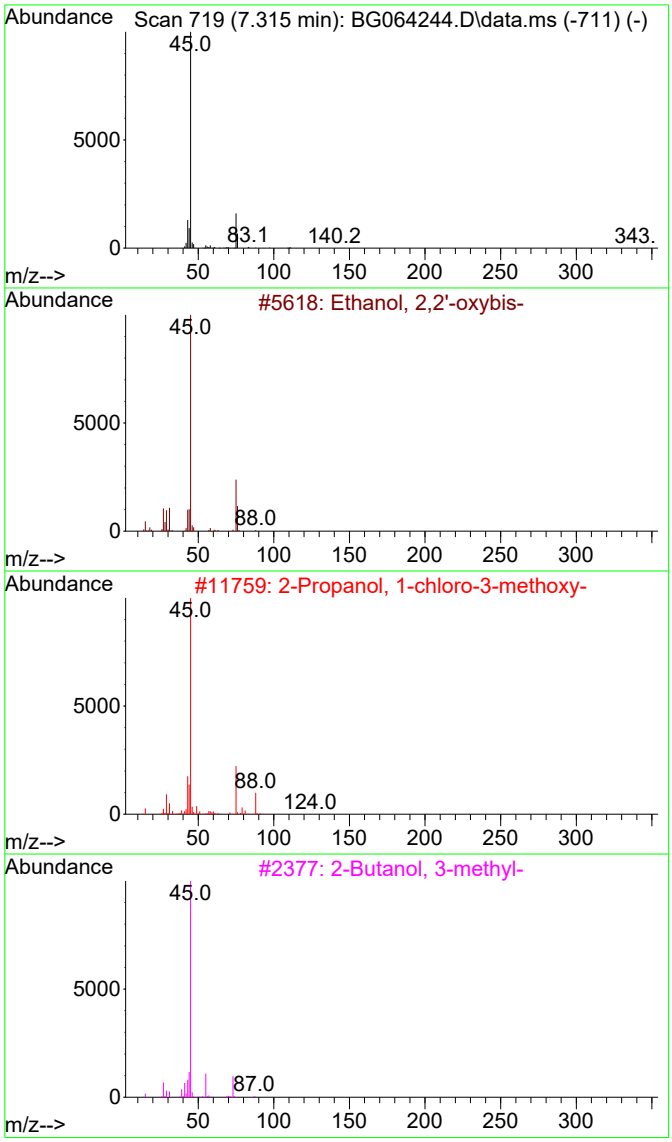
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

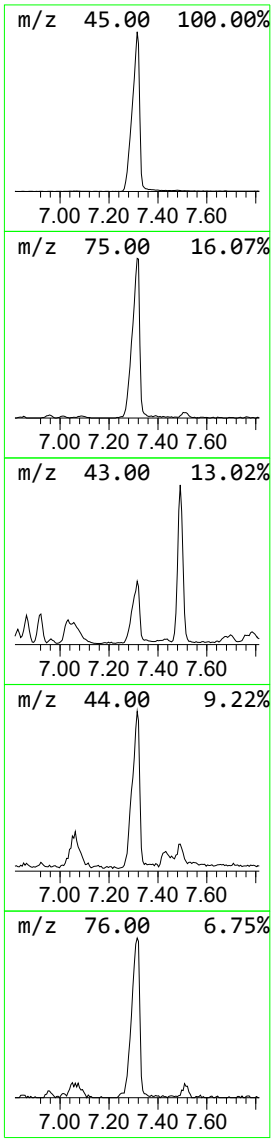
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethanol, 2,2'-oxybis- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.315	37.48 ng	1089040	1,4-Dichlorobenzene-d4	7.861

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2,2'-oxybis-	106	C4H10O3	000111-46-6	83
2	2-Propanol, 1-chloro-3-methoxy-	124	C4H9ClO2	004151-97-7	56
3	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	45
4	1,2,4-Trioxolane	76	C2H4O3	000289-14-5	9
5	Ethanol, 2-methoxy-	76	C3H8O2	000109-86-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064244.D
Acq On : 2 Sep 2025 14:03
Operator : RC/JU
Sample : Q2991-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
309

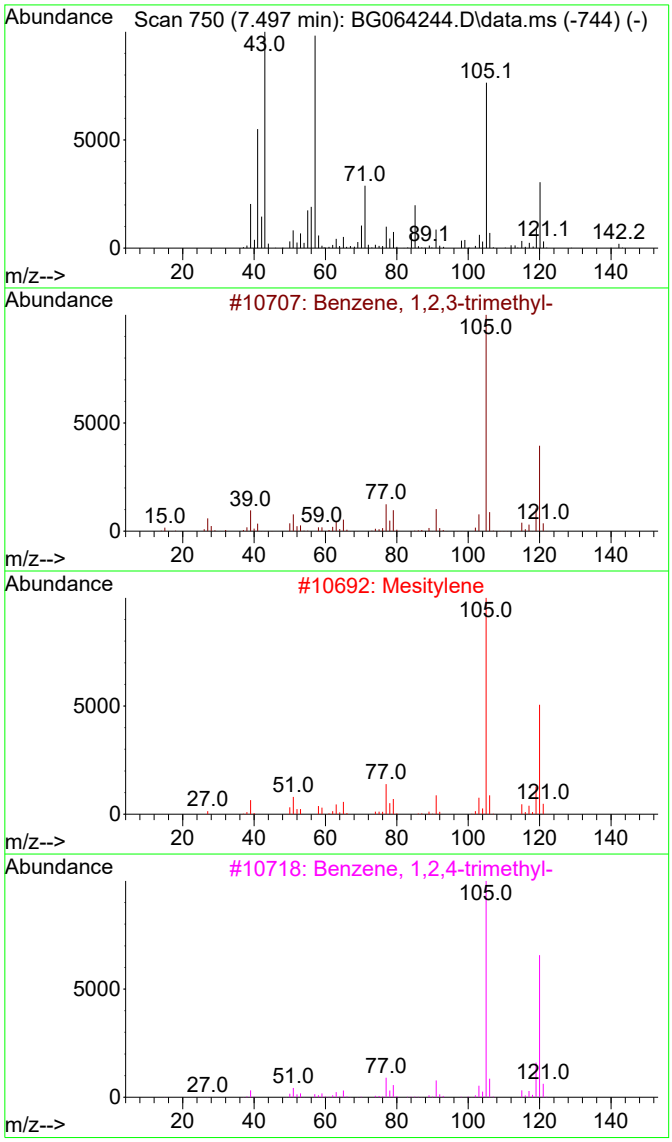
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

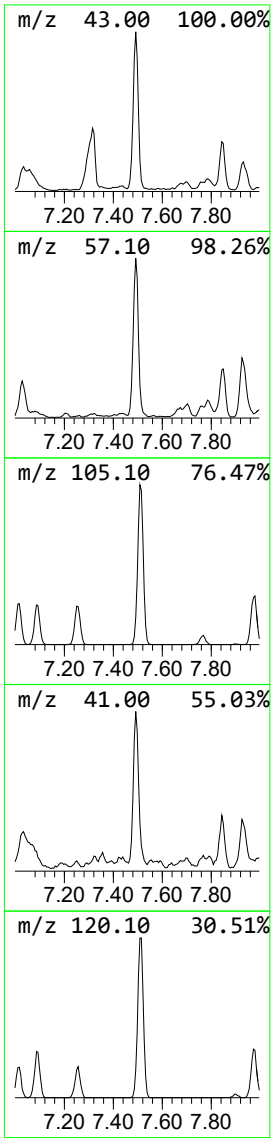
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.497	51.77 ng	1504310	1,4-Dichlorobenzene-d4	7.861

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86
2	Mesitylene	120	C9H12	000108-67-8	83
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	55
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	53
5	Nonane	128	C9H20	000111-84-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064244.D
Acq On : 2 Sep 2025 14:03
Operator : RC/JU
Sample : Q2991-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
309

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

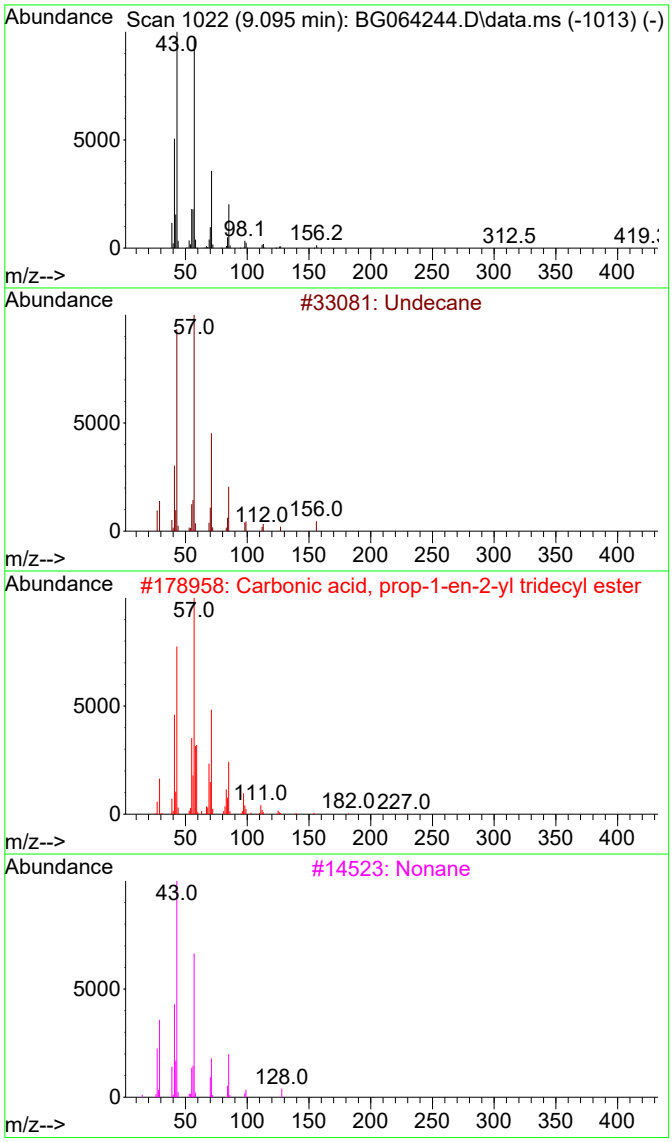
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

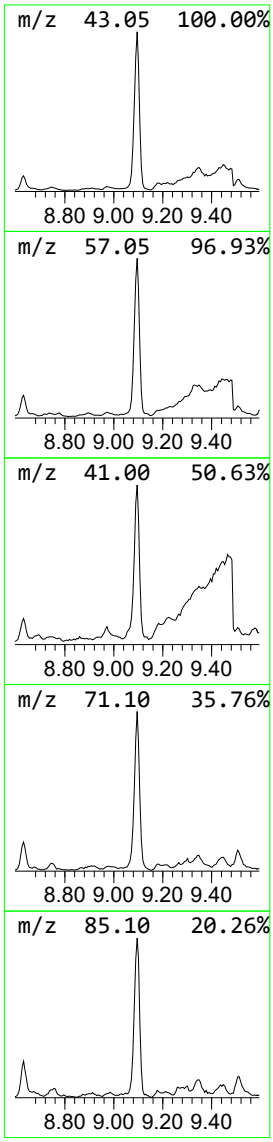
****

Peak Number 6 Undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.095	92.39 ng	2684640	1,4-Dichlorobenzene-d4	7.861

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	90
2	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	83
3	Nonane	128	C9H20	000111-84-2	80
4	Ether, hexyl pentyl	172	C11H24O	032357-83-8	64
5	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064244.D
Acq On : 2 Sep 2025 14:03
Operator : RC/JU
Sample : Q2991-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
309

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

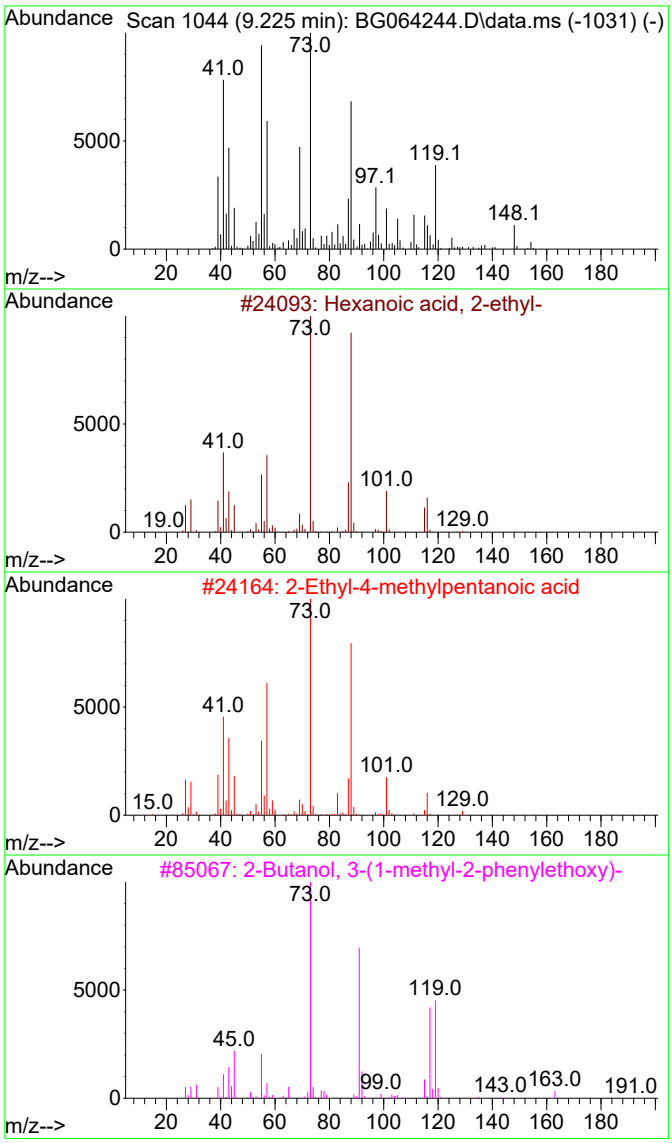
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

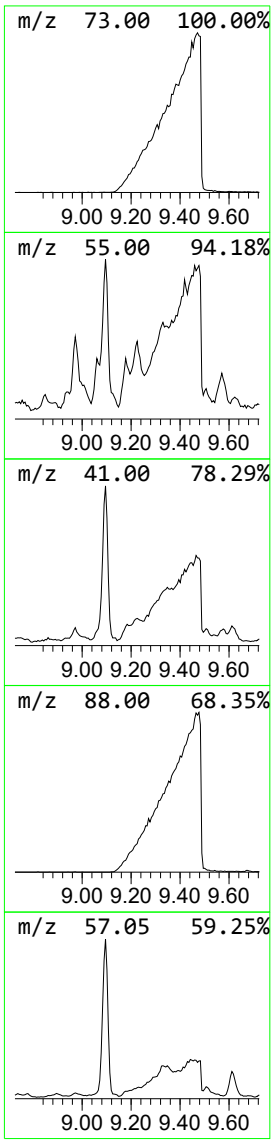
****

Peak Number 7 unknown9.225 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.225	45.84 ng	1332130	1,4-Dichlorobenzene-d4	7.861

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	38
2	2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	35
3	2-Butanol, 3-(1-methyl-2-phenyle...	208	C13H20O2	074810-46-1	14
4	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	14
5	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064244.D
Acq On : 2 Sep 2025 14:03
Operator : RC/JU
Sample : Q2991-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
309

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

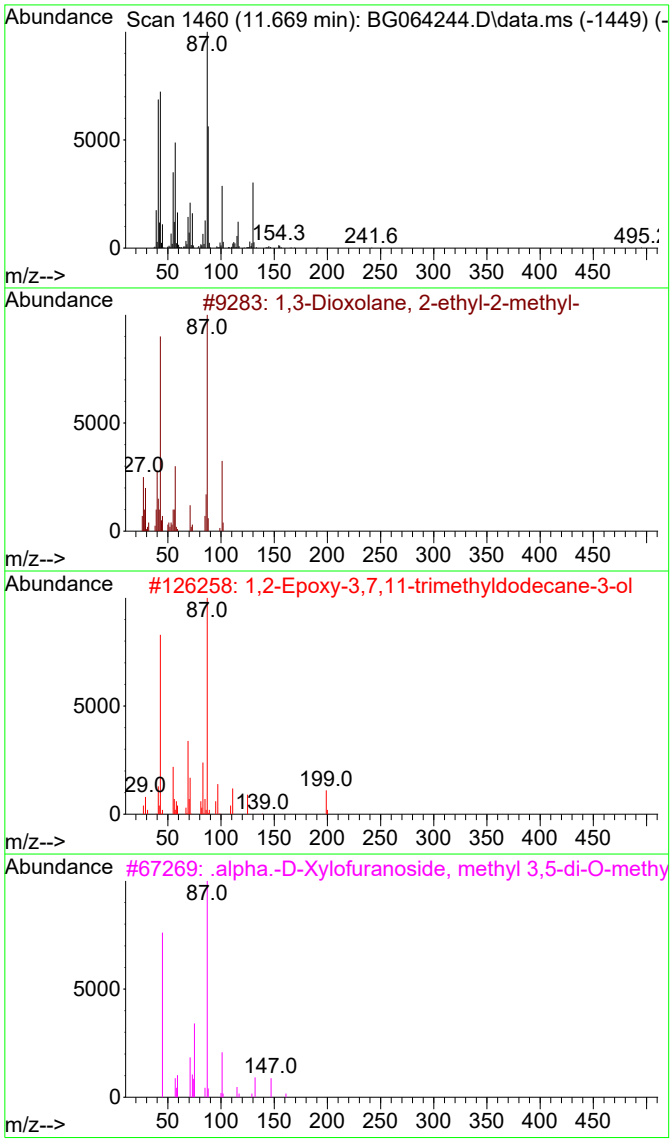
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

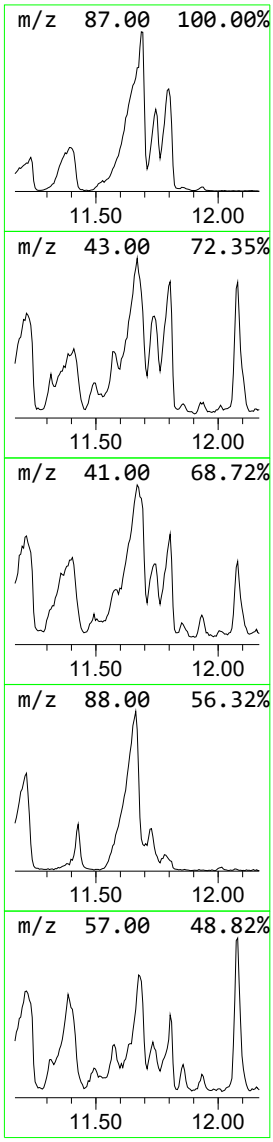
****

Peak Number 8 unknown11.669 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.669	38.19 ng	3543890	Naphthalene-d8	10.646

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-ethyl-2-methyl-	116	C6H12O2	000126-39-6	43
2	1,2-Epoxy-3,7,11-trimethyldodeca...	242	C15H30O2	1000432-47-0	38
3	.alpha.-D-Xylofuranoside, methyl...	192	C8H16O5	003253-83-6	38
4	2-[2-[2-(2-Butoxyethoxy)ethoxy]e...	292	C14H28O6	1000351-93-9	37
5	Hydrazine, 1,1-diethyl-2-(1-meth...	130	C7H18N2	067398-39-4	32





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Operator : RC/JU
Sample : Q2991-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

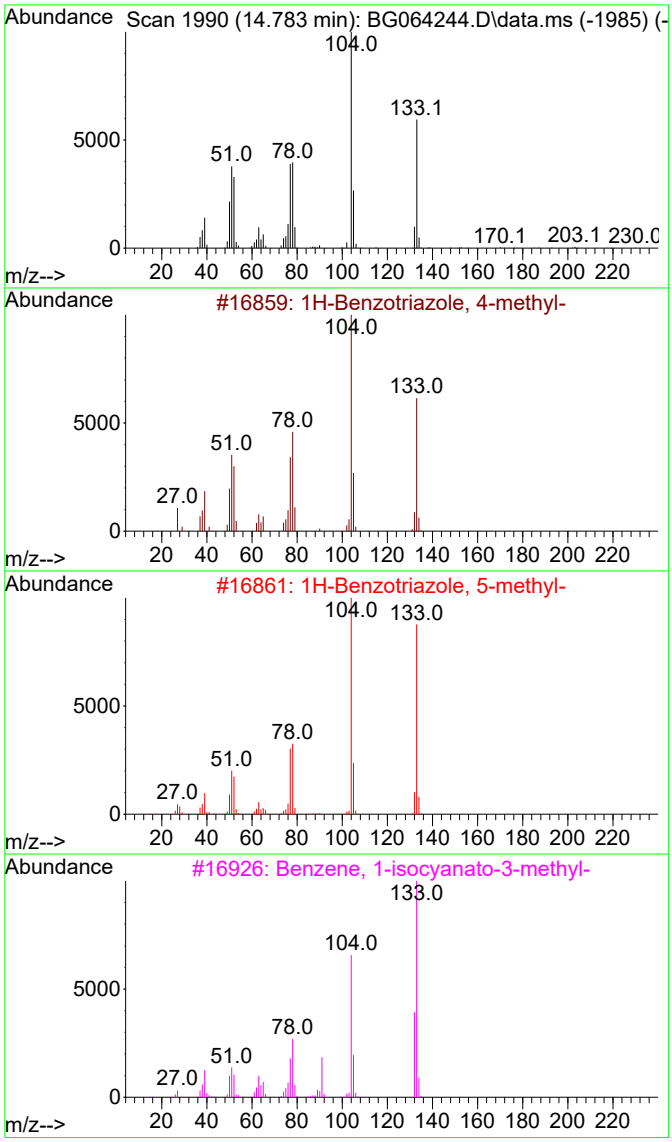
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

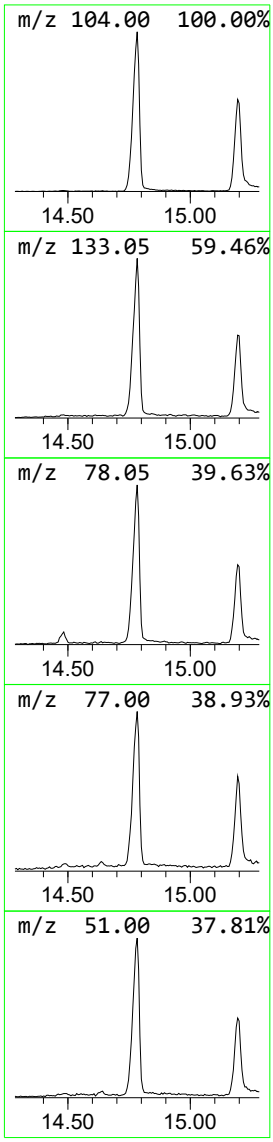
****

Peak Number 9 1H-Benzotriazole, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.783	37.33 ng	1328580	Acenaphthene-d10	14.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	97
2	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	95
3	Benzene, 1-isocyanato-3-methyl-	133	C8H7NO	000621-29-4	72
4	Benzene, 1-azido-2-methyl-	133	C7H7N3	031656-92-5	64
5	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	64





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ALS Vial : 6 Sample Multiplier: 1

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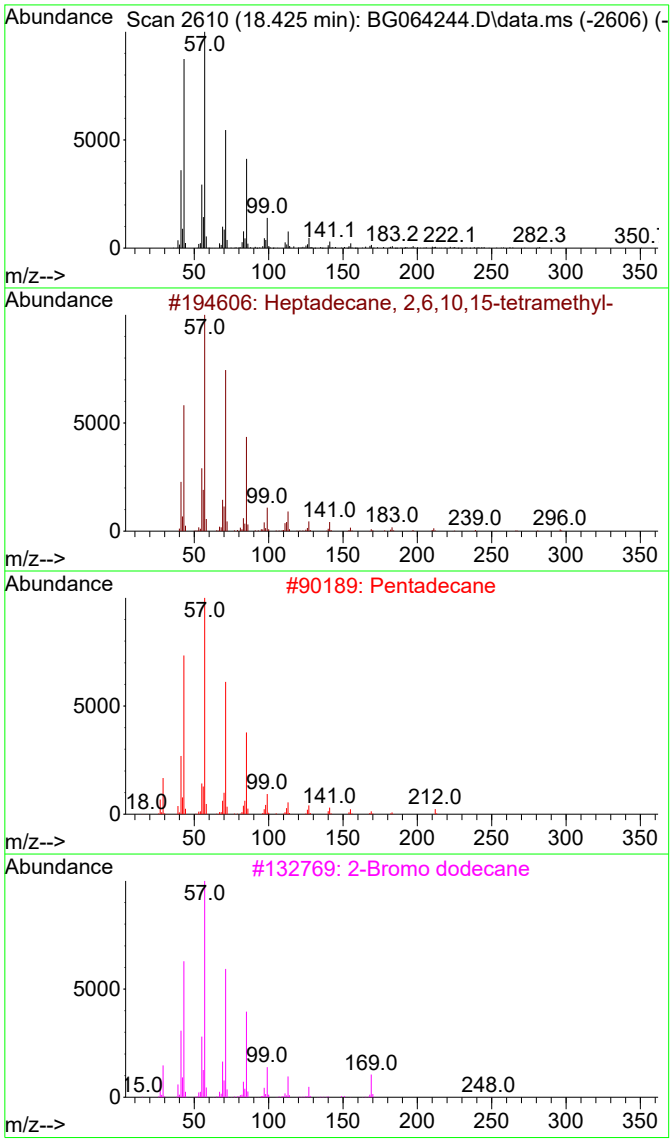
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

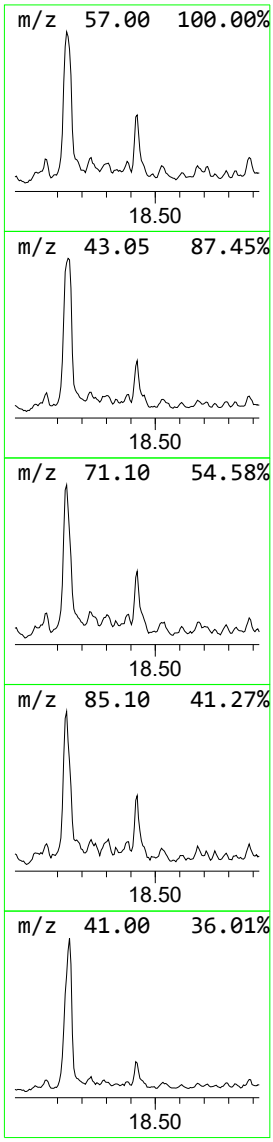
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Heptadecane, 2,6,10,15-tetr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.426	29.95 ng	1033160	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Heptadecane	240	C17H36	000629-78-7	87





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ALS Vial : 6 Sample Multiplier: 1

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

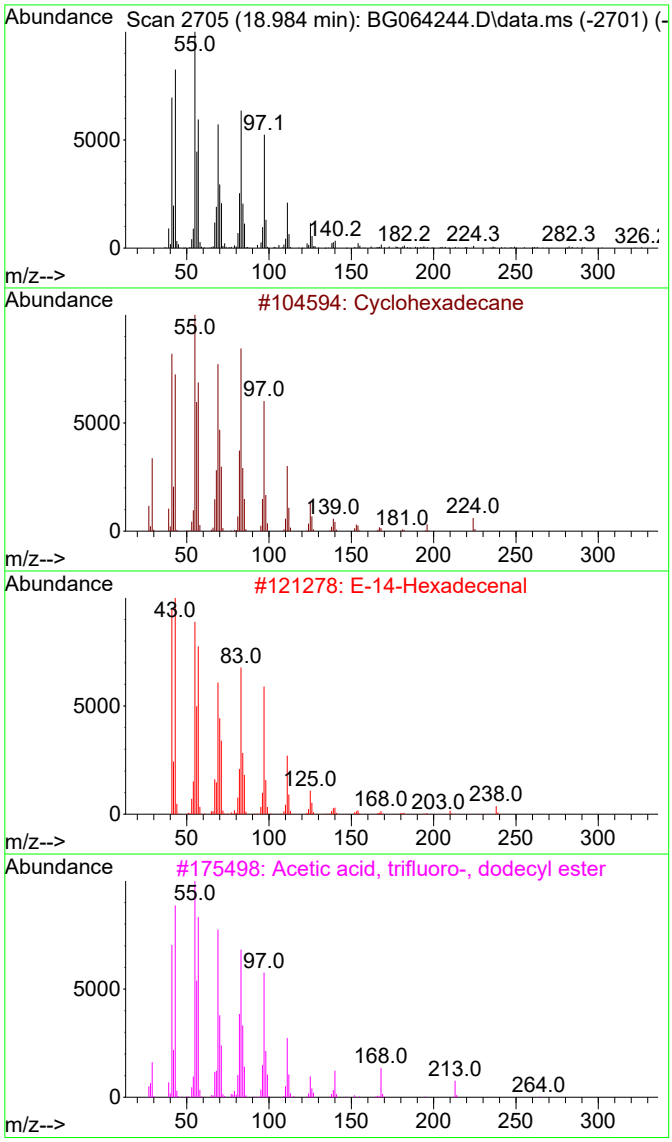
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

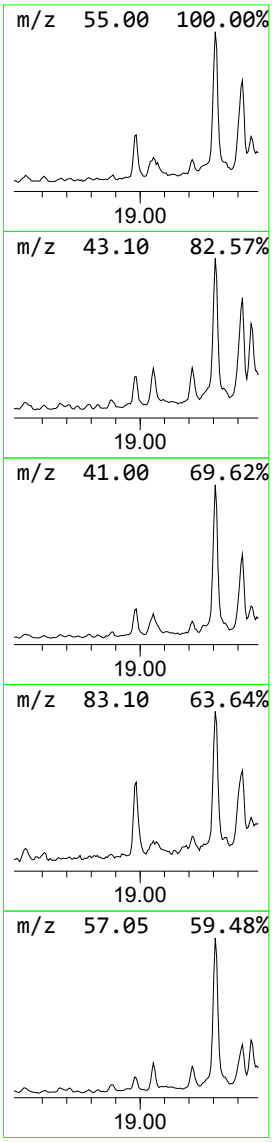
****

Peak Number 11 Cyclohexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.984	26.28 ng	906518	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	91
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	91
3	Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	91
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
5	1-Octadecanol	270	C18H38O	000112-92-5	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

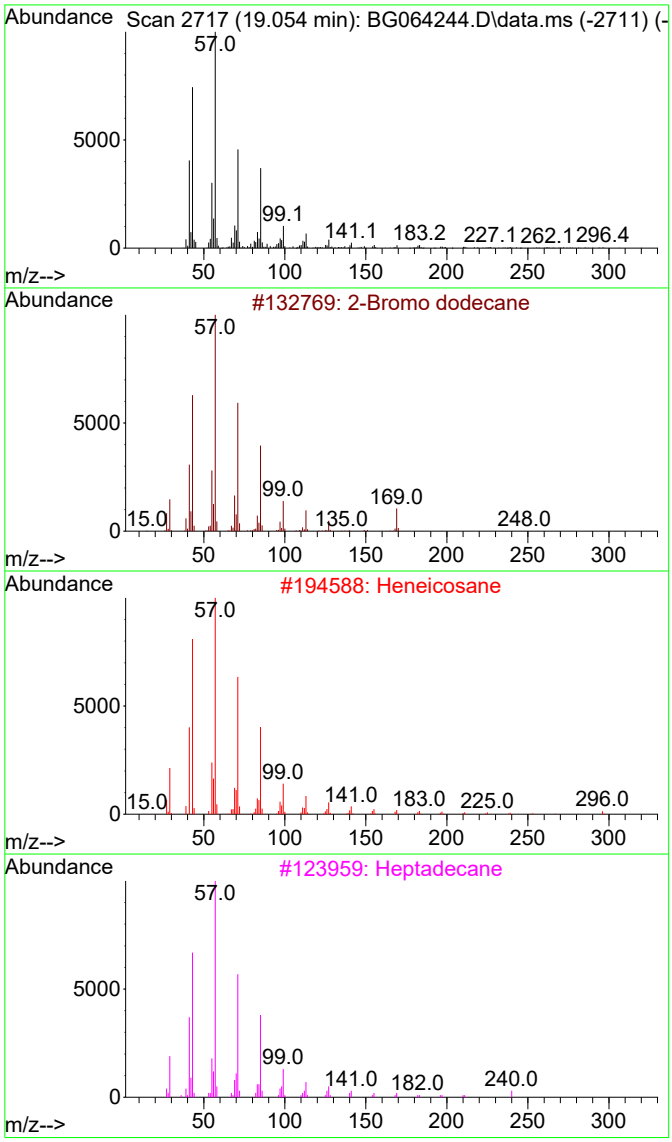
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

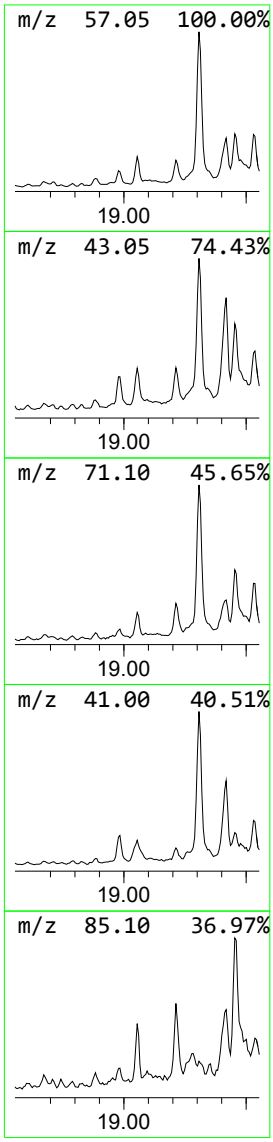
****

Peak Number 12 2-Bromo dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.054	38.88 ng	1341050	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	91
5	Nonadecane	268	C19H40	000629-92-5	91





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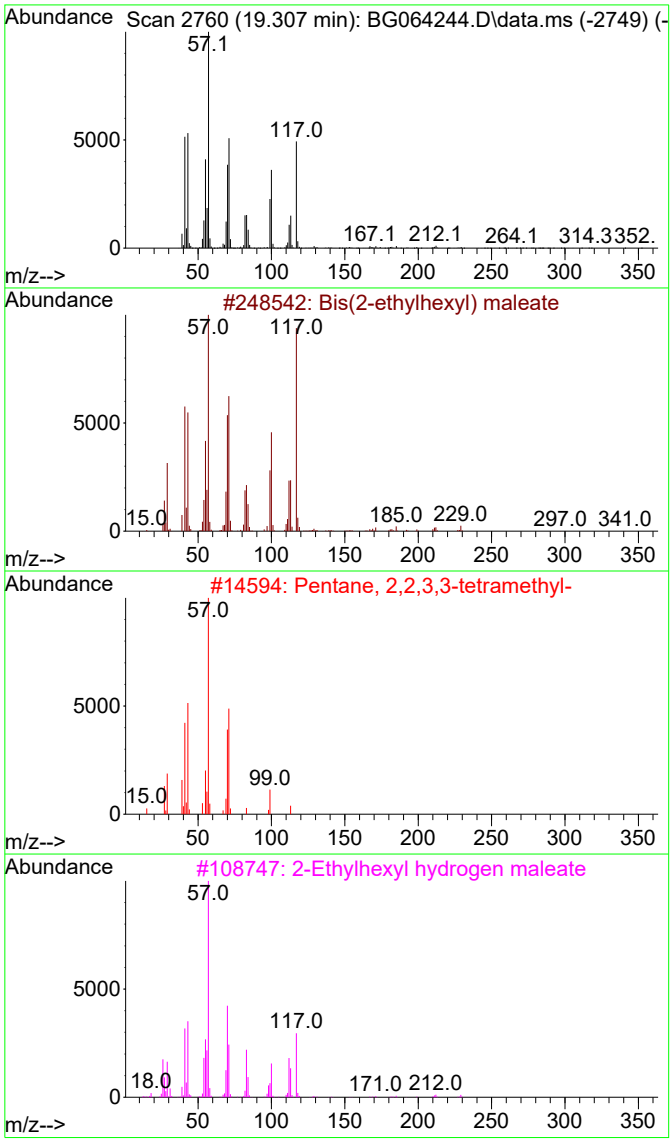
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

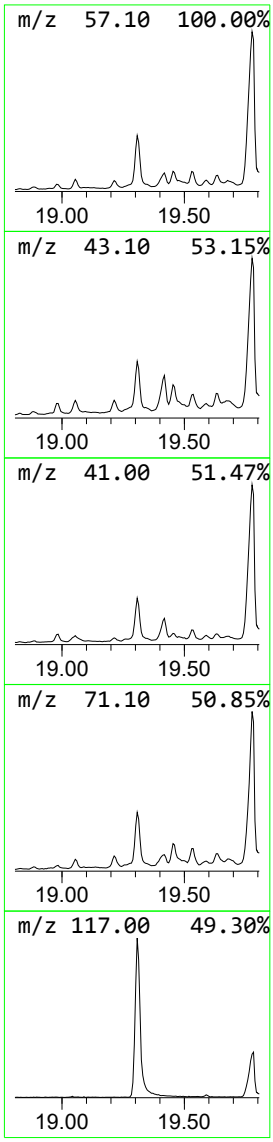
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Bis(2-ethylhexyl) maleate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.307	198.51 ng	6846690	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) maleate	340	C20H36O4	000142-16-5	90
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	43
3	2-Ethylhexyl hydrogen maleate	228	C12H20O4	002370-71-0	42
4	Methoxyacetic acid, 2-ethylhexyl...	202	C11H22O3	1000282-41-4	38
5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	35





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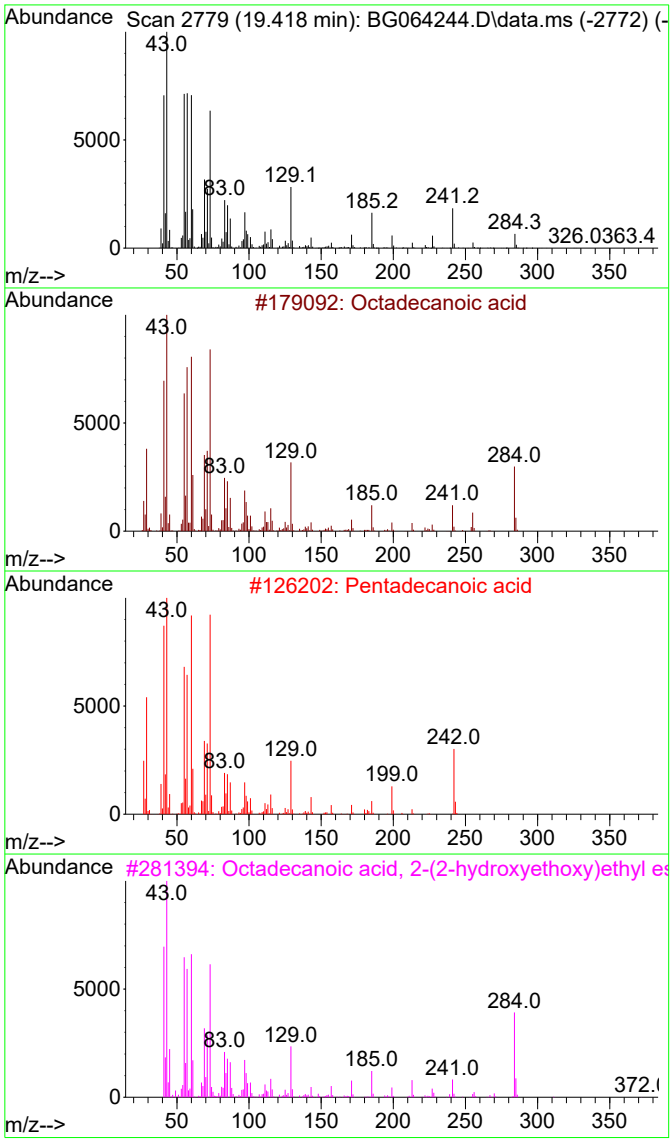
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

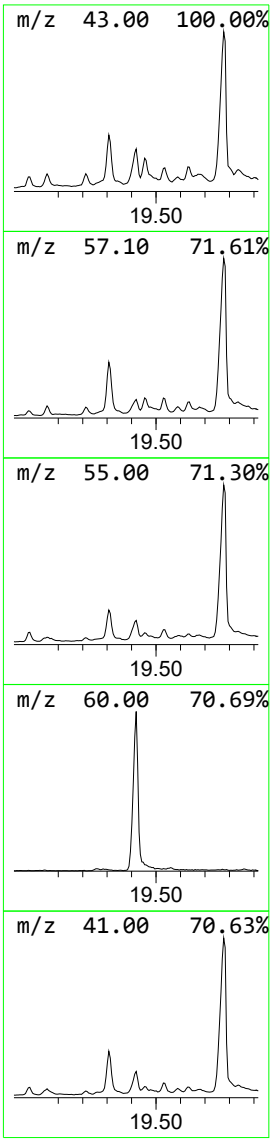
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.418	83.03 ng	3584220	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

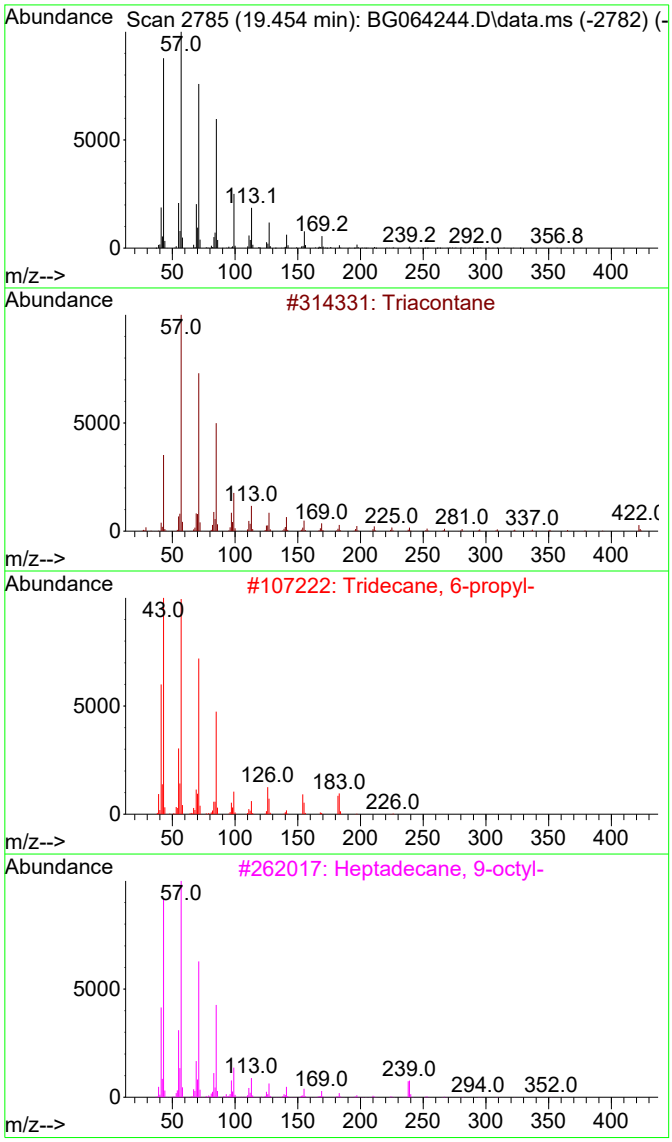
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

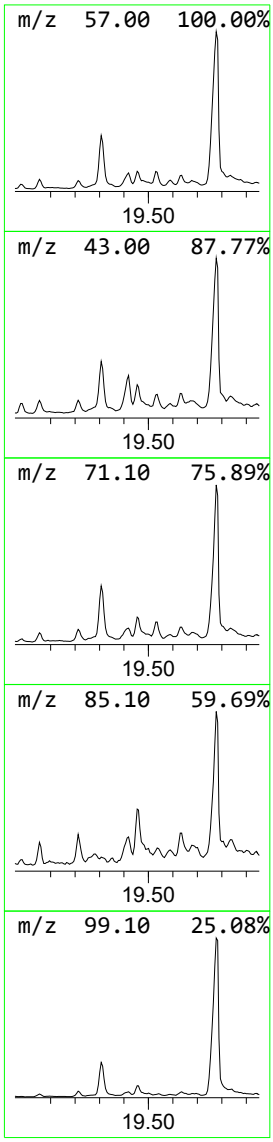
****

Peak Number 15 Triacontane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.454	36.96 ng	1595390	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	90
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	83
5	Hexacosane	366	C26H54	000630-01-3	80





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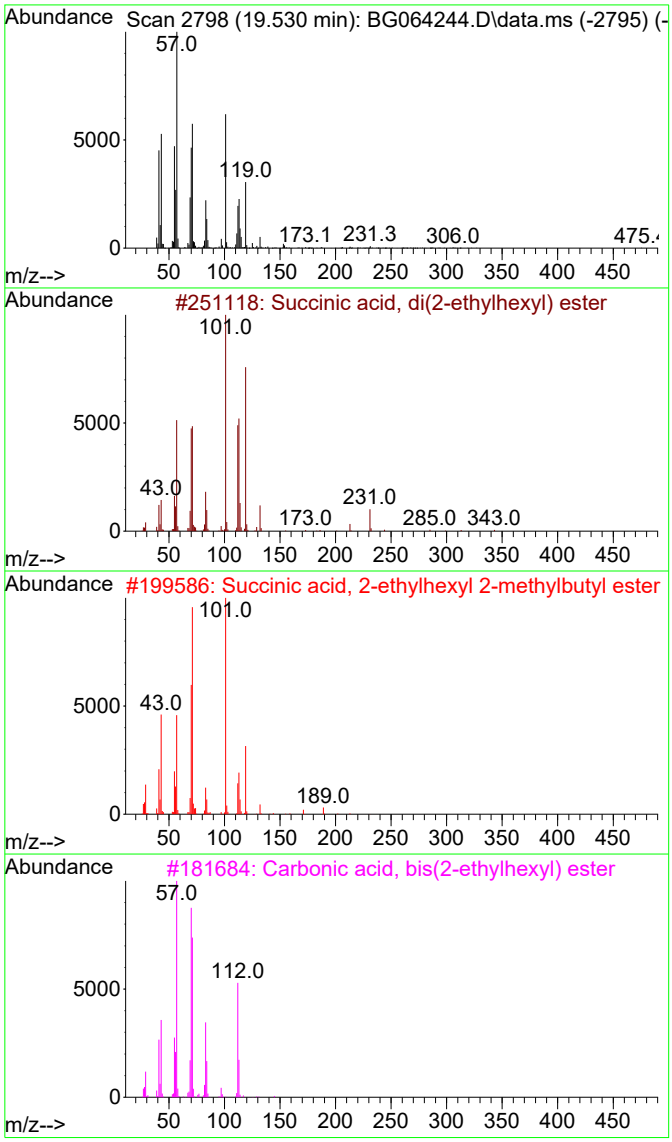
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

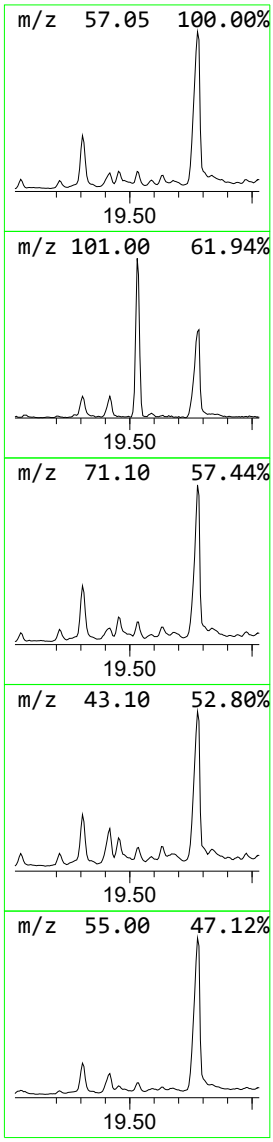
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Succinic acid, di(2-ethylhe... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.530	34.43 ng	1486290	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Succinic acid, di(2-ethylhexyl) ...	342	C20H38O4	1000324-87-3	50
2	Succinic acid, 2-ethylhexyl 2-me...	300	C17H32O4	1000389-63-1	50
3	Carbonic acid, bis(2-ethylhexyl)...	286	C17H34O3	014858-73-2	38
4	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	35
5	2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	959012-82-9	35





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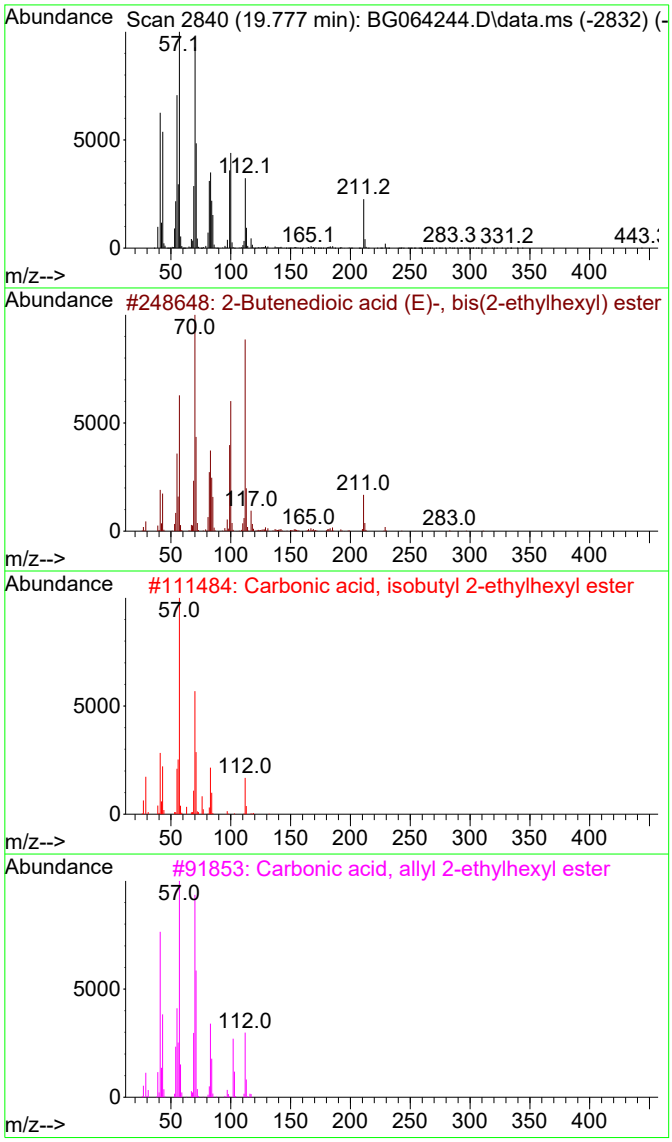
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

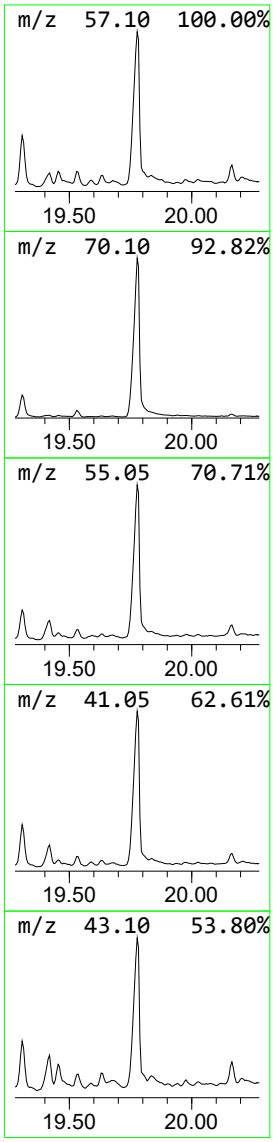
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2-Butenedioic acid (E)-, bi... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.777	679.44 ng	29329300	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenedioic acid (E)-, bis(2-e...	340	C20H36O4	000141-02-6	72
2	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000383-13-3	50
3	Carbonic acid, allyl 2-ethylhexy...	214	C12H22O3	1000357-80-6	49
4	Pentadecafluorooctanoic acid, 2-...	526	C16H17F15O2	1000406-80-9	43
5	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	41





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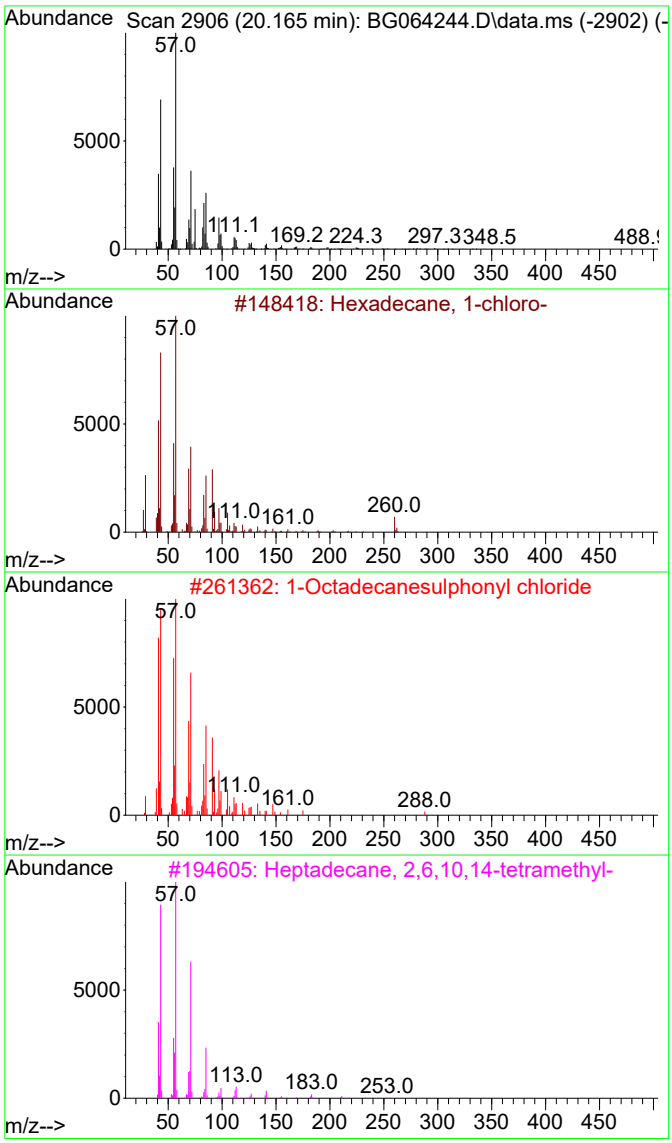
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

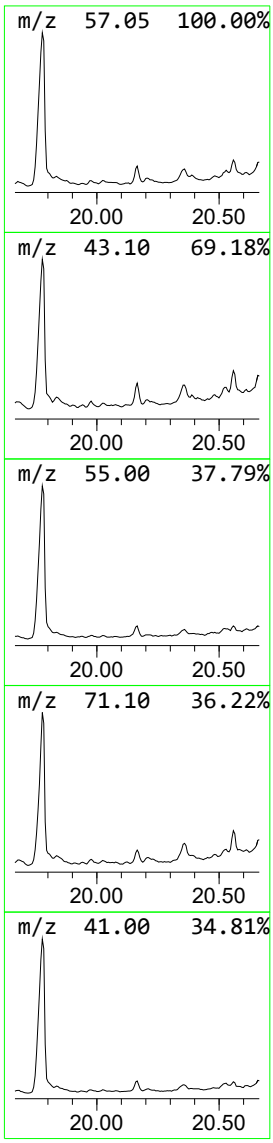
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Hexadecane, 1-chloro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.165	34.30 ng	1480730	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	86
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	64
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
4	Carbonic acid, decyl tetradecyl ...	398	C25H50O3	1010383-16-3	64
5	Hexadecyl nonyl ether	368	C25H52O	1000406-37-7	58





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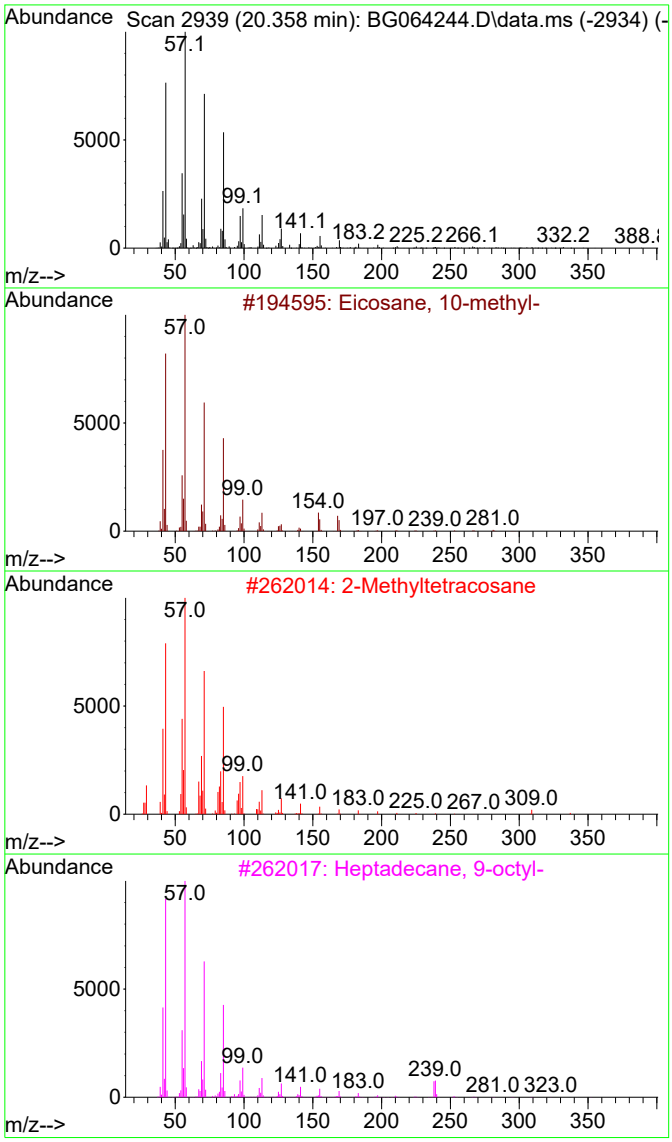
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

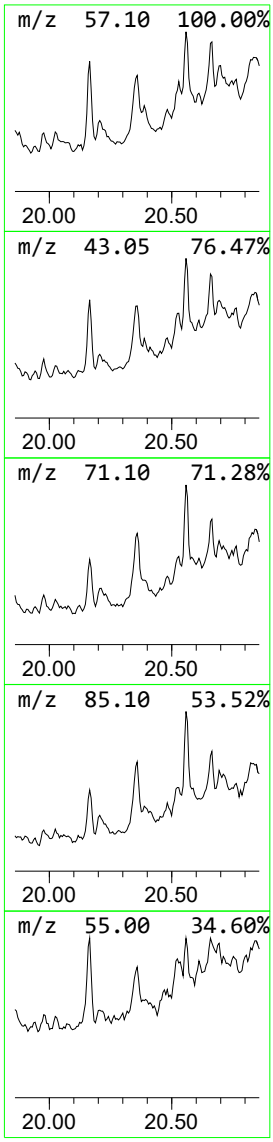
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Eicosane, 10-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.358	32.56 ng	1405520	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
2	2-Methyltetracosane	352	C25H52	001560-78-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Pentacosane	352	C25H52	000629-99-2	91
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90





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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
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TIC Integration Parameters: LSCINT.P

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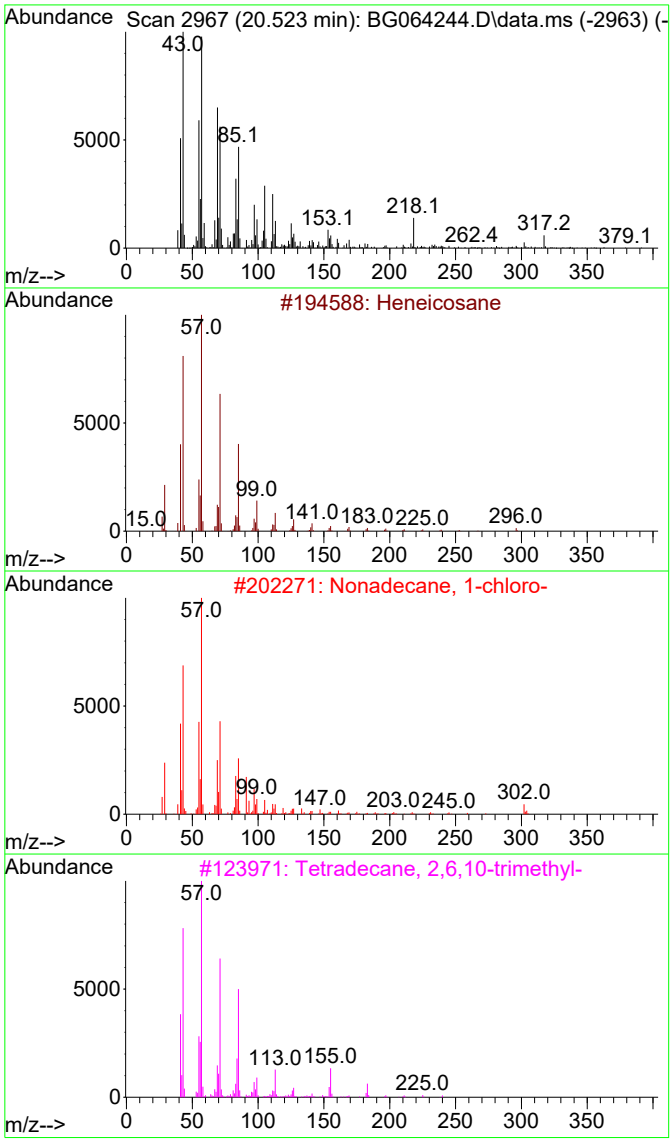
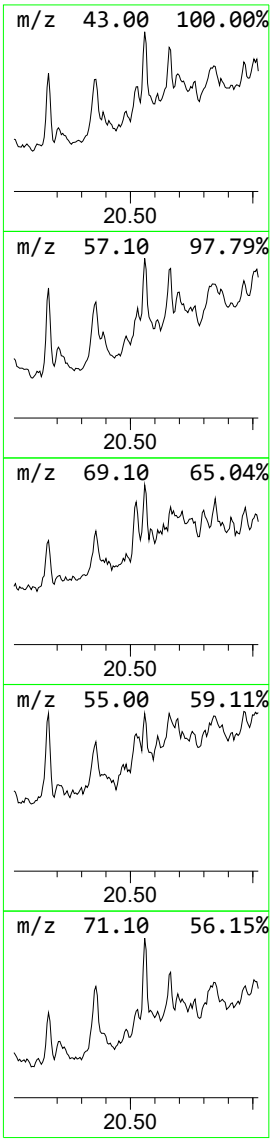
Peak Number 20 Heneicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.523	29.71 ng	1282450	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	83
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	70
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	70
5	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090225\
Data File : BG064244.D
Acq On : 2 Sep 2025 14:03
Operator : RC/JU
Sample : Q2991-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
309

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
p-Xylene	5.887	197.6	ng	5741910	1	7.861	581165	20.0
Ethanol, 2,2'-o...	7.315	37.5	ng	1089040	1	7.861	581165	20.0
Benzene, 1,2,3-...	7.497	51.8	ng	1504310	1	7.861	581165	20.0
Undecane	9.095	92.4	ng	2684640	1	7.861	581165	20.0
unknown9.225	9.225	45.8	ng	1332130	1	7.861	581165	20.0
unknown11.669	11.669	38.2	ng	3543890	2	10.646	1856000	20.0
1H-Benzotriazol...	14.783	37.3	ng	1328580	3	14.483	711843	20.0
Heptadecane, 2,...	18.426	29.9	ng	1033160	4	17.221	689823	20.0
Cyclohexadecane	18.984	26.3	ng	906518	4	17.221	689823	20.0
2-Bromo dodecane	19.054	38.9	ng	1341050	4	17.221	689823	20.0
Bis(2-ethylhexy...	19.307	198.5	ng	6846690	4	17.221	689823	20.0
Octadecanoic acid	19.418	83.0	ng	3584220	5	21.457	863341	20.0
Triacontane	19.454	37.0	ng	1595390	5	21.457	863341	20.0
Succinic acid, ...	19.530	34.4	ng	1486290	5	21.457	863341	20.0
2-Butenedioic a...	19.777	679.4	ng	29329300	5	21.457	863341	20.0
Hexadecane, 1-c...	20.165	34.3	ng	1480730	5	21.457	863341	20.0
Eicosane, 10-me...	20.358	32.6	ng	1405520	5	21.457	863341	20.0
Heneicosane	20.523	29.7	ng	1282450	5	21.457	863341	20.0