LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064702.D
Acq On : 6 Nov 2025 14:25
Operator : RC/JU
Sample : Q3546-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-COMP

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-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064702.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.175	9	15	24	rVV5	22166	60849	2.93%	0.419%
2	3.264	24	30	49	rVB	402133	753044	36.29%	5.191%
3	5.731	443	450	462	rBV	372752	626171	30.17%	4.317%
4	7.341	716	724	736	rBV	366851	673836	32.47%	4.645%
5	8.199	862	870	877	rBV	108647	191374	9.22%	1.319%
6	9.362	1059	1068	1077	rBV	236335	433978	20.91%	2.992%
7	11.025	1343	1351	1361	rBV	150760	276137	13.31%	1.904%
8	13.452	1757	1764	1771	rBV	707871	1092460	52.64%	7.531%
9	14.821	1991	1997	2004	rBV	252241	406812	19.60%	2.804%
10	16.166	2220	2226	2231	rBV	54473	87494	4.22%	0.603%
11	16.301	2242	2249	2257	rBV	601346	989173	47.67%	6.819%
12	16.595	2292	2299	2304	rVB7	17720	41433	2.00%	0.286%
13	17.559	2457	2463	2468	rBV2	324995	507217	24.44%	3.497%
14	18.434	2606	2612	2622	rBV	446340	692219	33.36%	4.772%
15	19.022	2708	2712	2718	rVB3	43799	88797	4.28%	0.612%
16	19.280	2753	2756	2761	rVB3	23914	29646	1.43%	0.204%
17	19.456	2778	2786	2794	rVB	103867	261126	12.58%	1.800%
18	19.597	2804	2810	2814	rVV2	37190	79176	3.82%	0.546%
19	19.691	2820	2826	2837	rVB	333803	507838	24.47%	3.501%
20	19.956	2867	2871	2877	rVB	35219	52638	2.54%	0.363%
21	20.032	2878	2884	2889	rVB	75721	135054	6.51%	0.931%
22	20.150	2898	2904	2913	rVB	1539924	2075220	100.00%	14.306%
23	20.414	2946	2949	2952	rBV5	16171	21761	1.05%	0.150%
24	20.849	3015	3023	3028	rBV3	98847	204212	9.84%	1.408%
25	21.254	3087	3092	3100	rVB5	52812	118020	5.69%	0.814%
26	21.460	3122	3127	3134	rVB3	102895	181661	8.75%	1.252%
27	21.677	3158	3164	3168	rBV	78186	137921	6.65%	0.951%
28	21.824	3182	3189	3194	rBV	433031	783166	37.74%	5.399%
29	21.871	3194	3197	3205	rVB2	101648	185055	8.92%	1.276%
30	22.030	3220	3224	3229	rVB5	25685	42426	2.04%	0.292%
31	22.606	3316	3322	3328	rBV3	88801	213235	10.28%	1.470%
32	23.675	3498	3504	3511	rVB4	47585	118039	5.69%	0.814%
33	24.227	3593	3598	3604	rBV3	45506	94749	4.57%	0.653%
34	25.150	3746	3755	3766	rBV	256283	774013	37.30%	5.336%
35	26.425	3965	3972	3981	rVB2	55529	159104	7.67%	1.097%
36	29.586	4495	4510	4526	rVB5	284966	1334038	64.28%	9.196%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064702.D
Acq On : 6 Nov 2025 14:25
Operator : RC/JU
Sample : Q3546-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-COMP

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-BG102425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	30.726	4696	4704	4706	rBV8	29606	76992	3.71%	0.531%

Sum of corrected areas: 14506084

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064702.D
Acq On : 6 Nov 2025 14:25
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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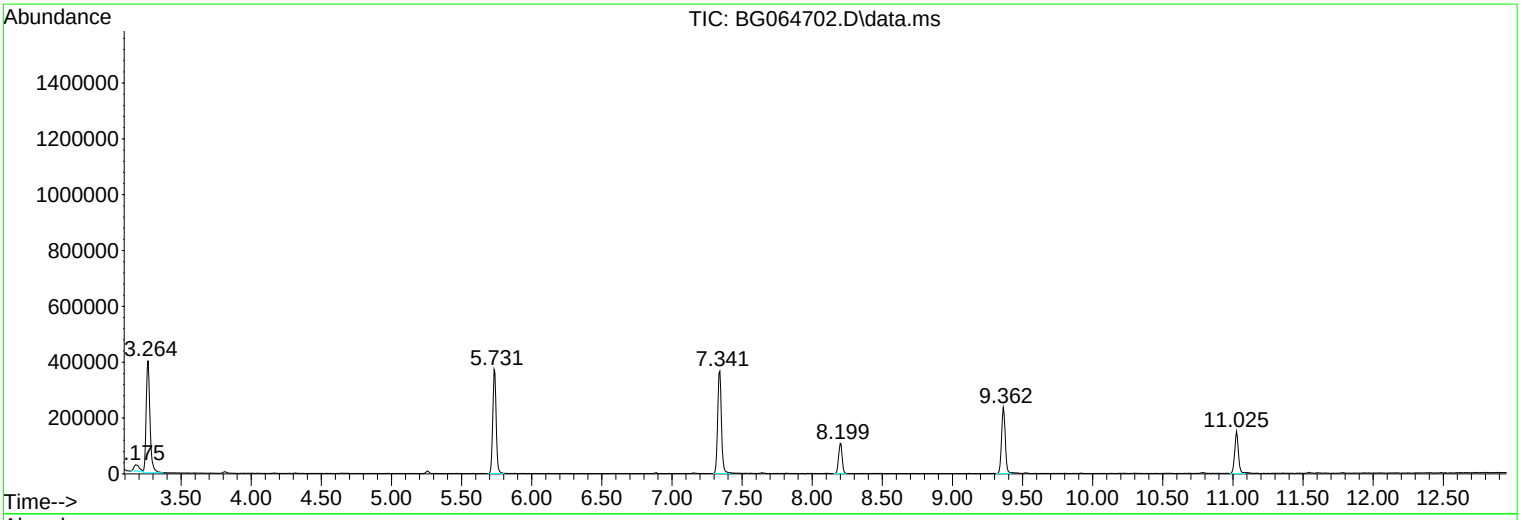
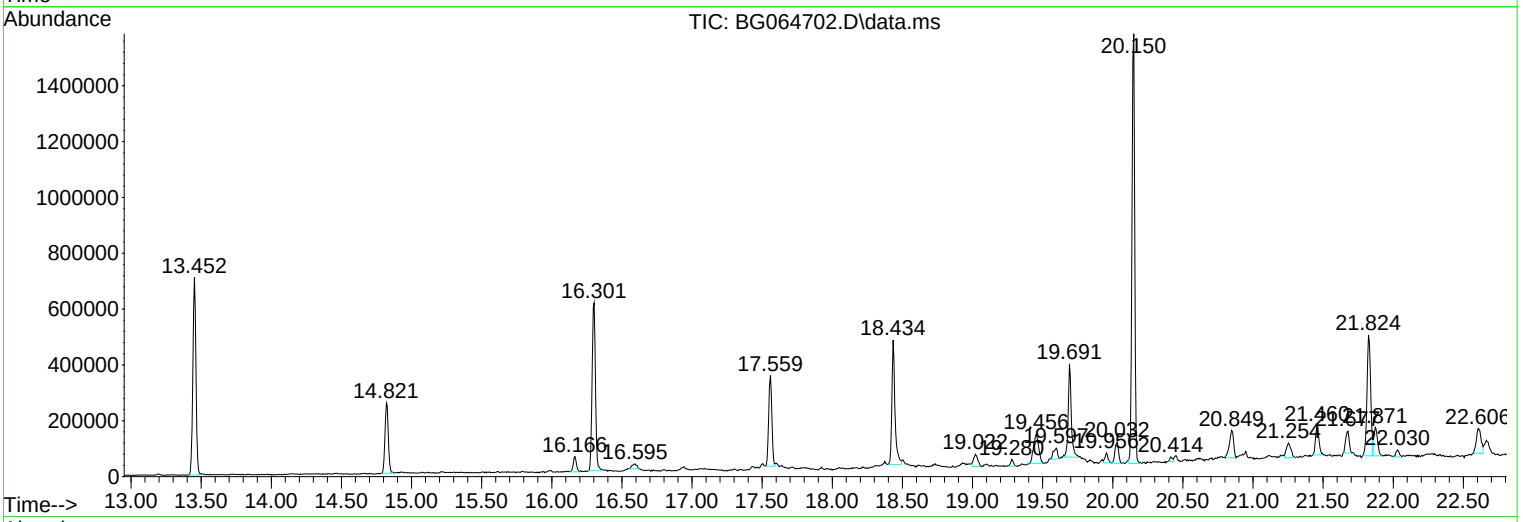
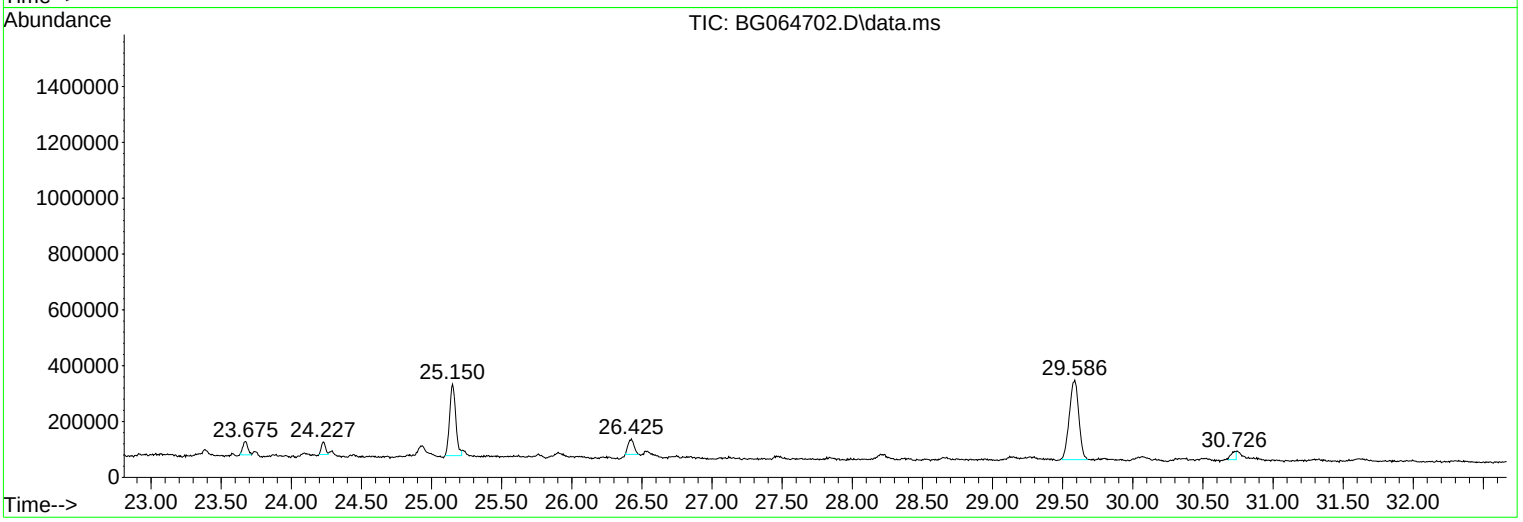
ClientSampleId :
TP-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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\BG110625\
Data File : BG064702.D
Acq On : 6 Nov 2025 14:25
Operator : RC/JU
Sample : Q3546-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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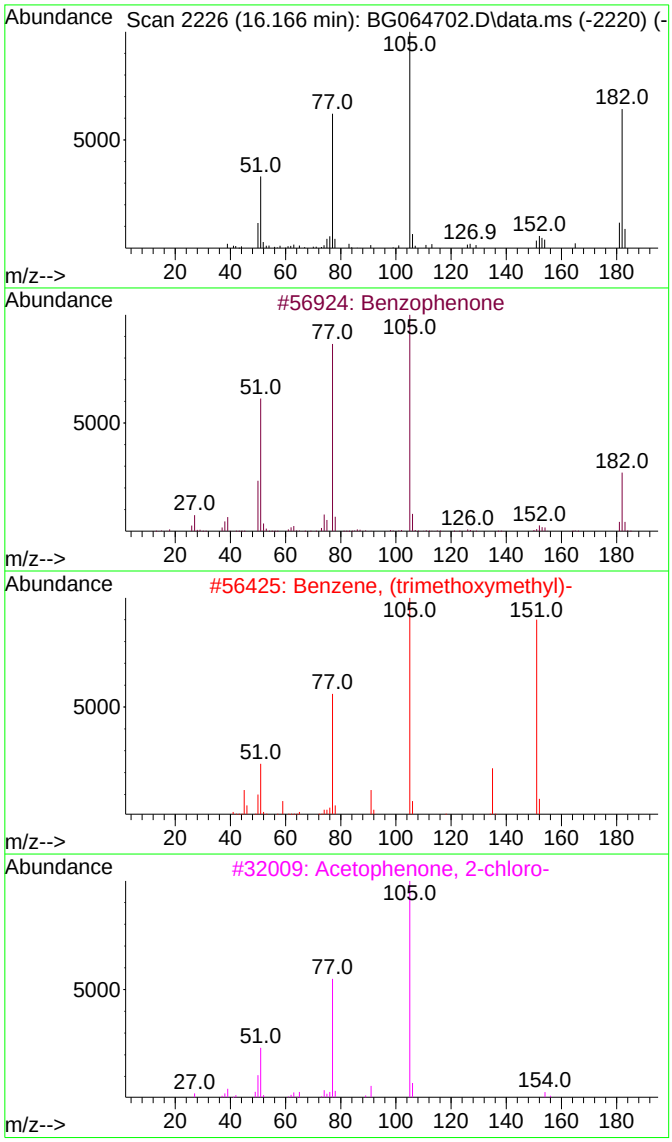
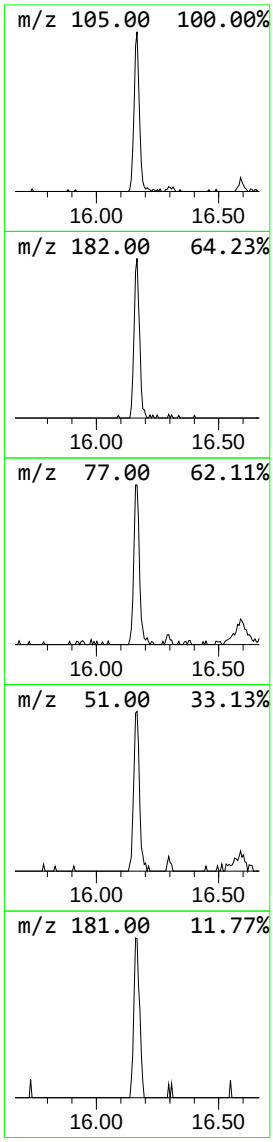
Peak Number 3 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.166	4.30 ng	87494	Acenaphthene-d10	14.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzene, (trimethoxymethyl)-	182	C10H14O3	000707-07-3	43
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	43
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	38
5	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064702.D
Acq On : 6 Nov 2025 14:25
Operator : RC/JU
Sample : Q3546-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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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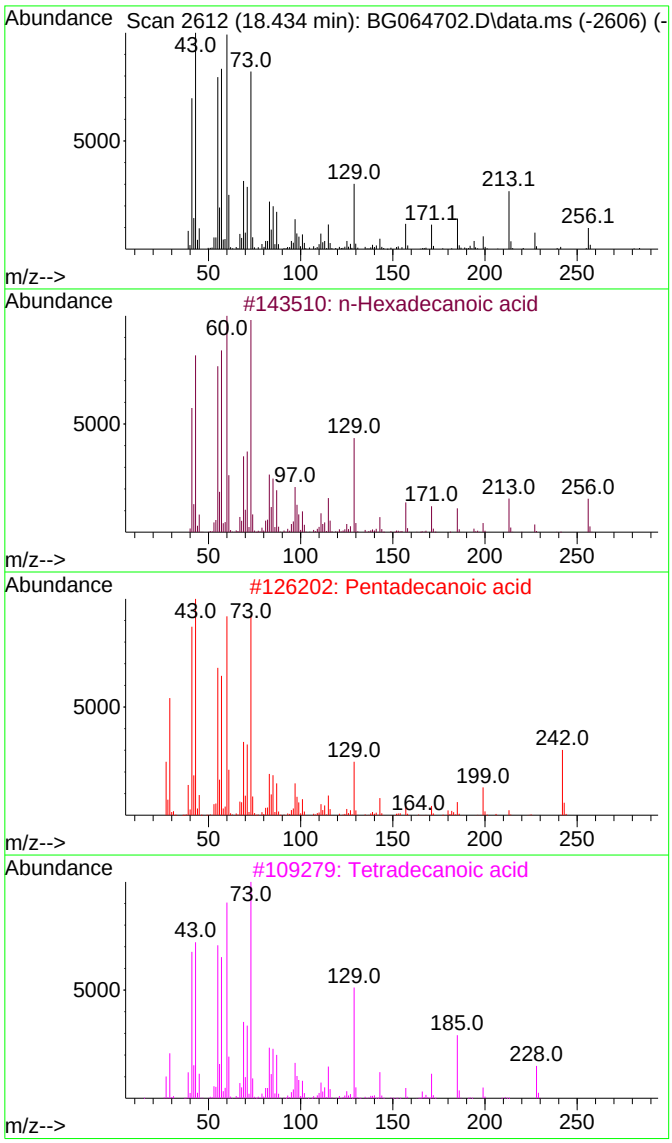
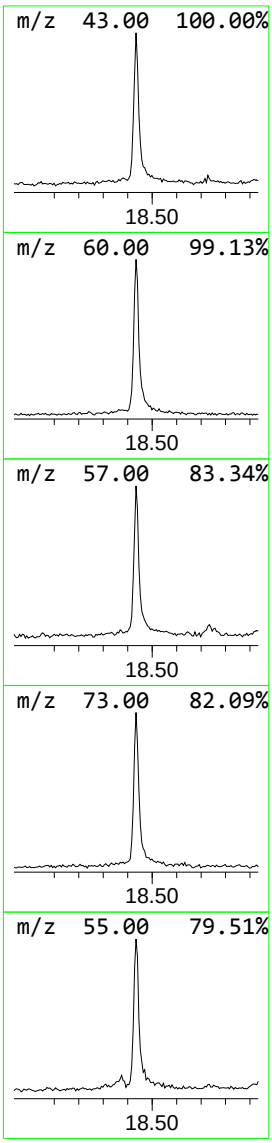
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.434	27.29 ng	692219	Phenanthrene-d10	17.559

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064702.D
Acq On : 6 Nov 2025 14:25
Operator : RC/JU
Sample : Q3546-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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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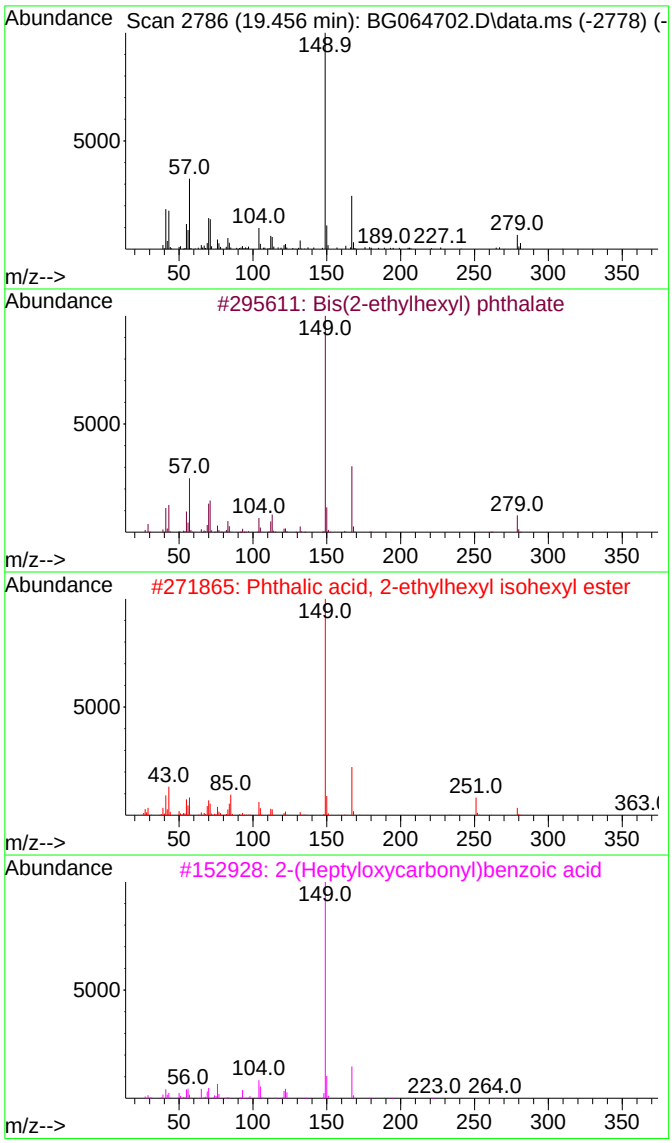
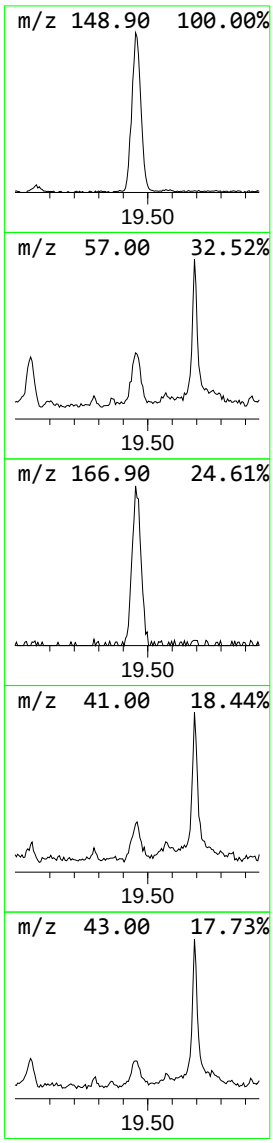
Peak Number 6 Phthalic acid, 2-ethylhexyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.456	10.30 ng	261126	Phenanthrene-d10	17.559

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	91
2	Phthalic acid, 2-ethylhexyl isoh...	362	C22H34O4	1000308-98-5	86
3	2-(Heptyloxycarbonyl)benzoic acid	264	C15H20O4	024539-58-0	72
4	Phthalic acid, di(oct-3-yl) ester	390	C24H38O4	1000377-72-3	72
5	Phthalic acid, isohexyl 2-methyl...	334	C20H30O4	1000356-91-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064702.D
Acq On : 6 Nov 2025 14:25
Operator : RC/JU
Sample : Q3546-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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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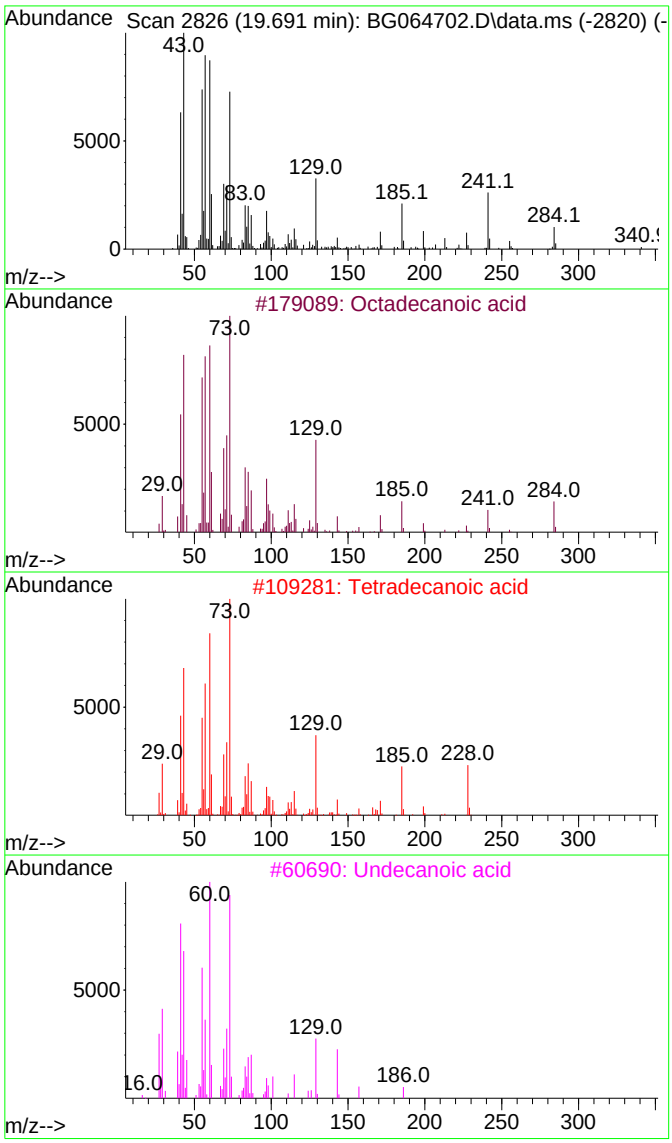
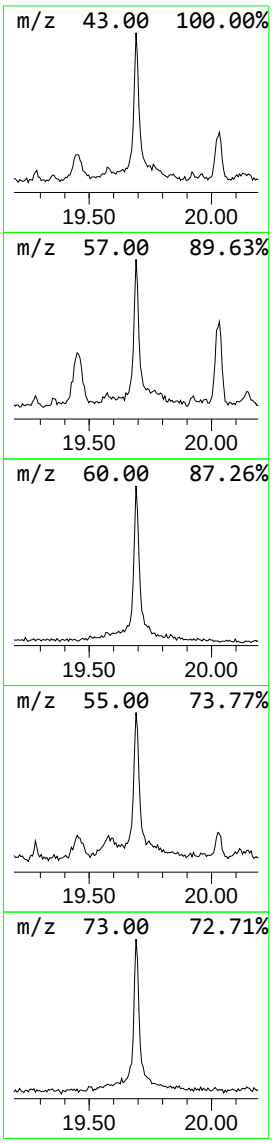
Peak Number 8 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.691	12.97 ng	507838	Chrysene-d12	21.824

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3	Undecanoic acid	186	C11H22O2	000112-37-8	62
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064702.D
Acq On : 6 Nov 2025 14:25
Operator : RC/JU
Sample : Q3546-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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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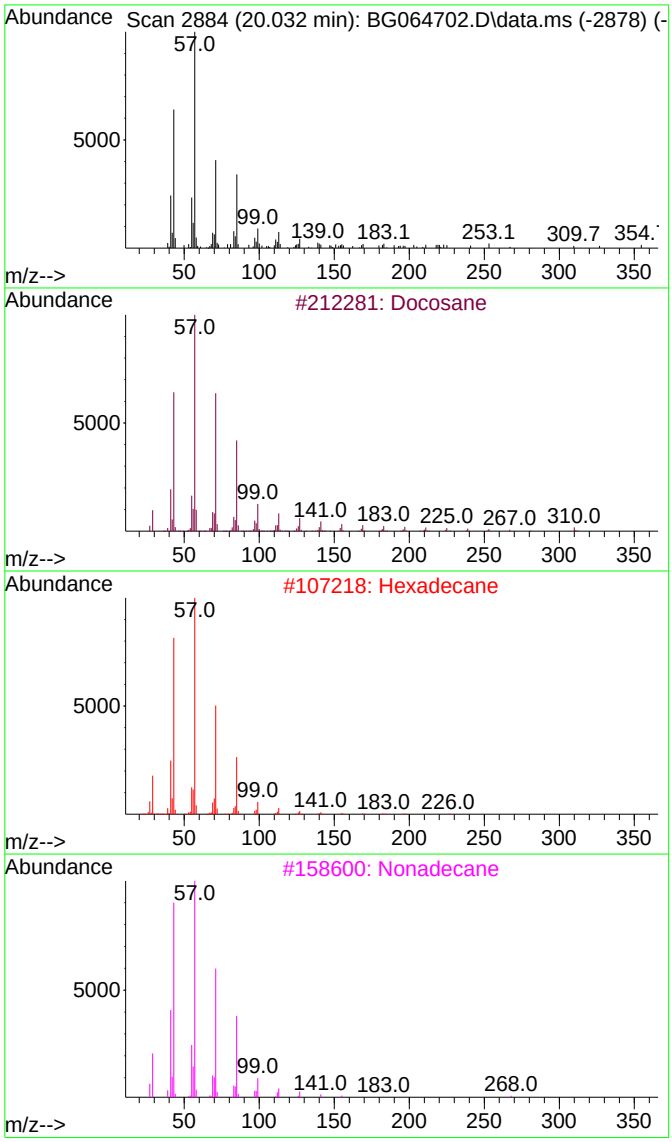
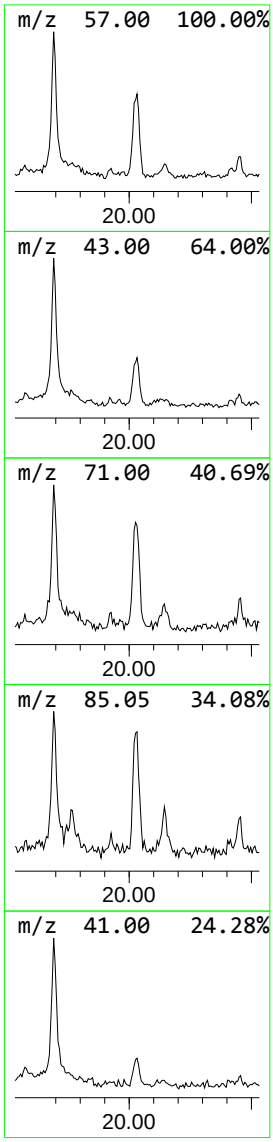
Peak Number 9 Docosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.032	3.45 ng	135054	Chrysene-d12	21.824

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	89
2	Hexadecane	226	C16H34	000544-76-3	80
3	Nonadecane	268	C19H40	000629-92-5	68
4	Eicosane	282	C20H42	000112-95-8	68
5	Octadecane	254	C18H38	000593-45-3	68





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Data File : BG064702.D
Acq On : 6 Nov 2025 14:25
Operator : RC/JU
Sample : Q3546-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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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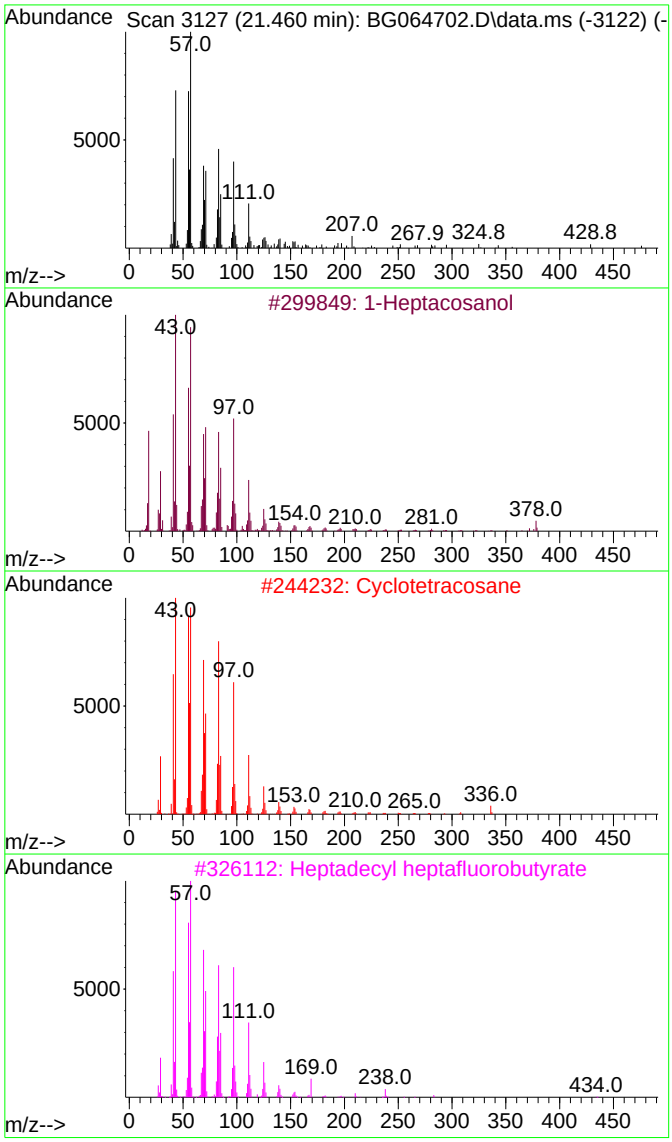
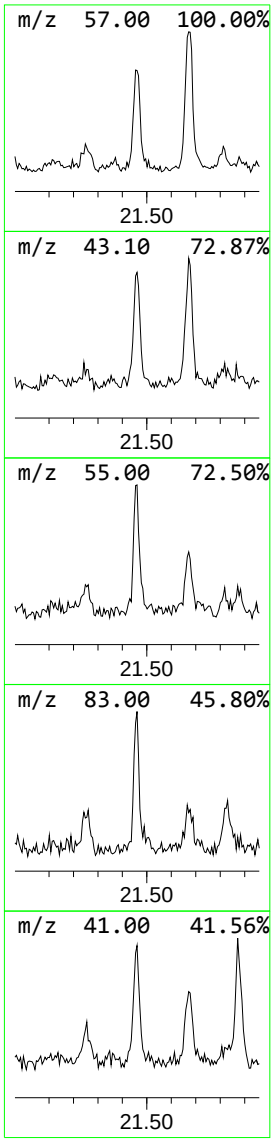
Peak Number 12 1-Heptacosanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.460	4.64 ng	181661	Chrysene-d12	21.824

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	Cyclotetracosane	336	C24H48	000297-03-0	90
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
4	17-Pentatriacontene	491	C35H70	006971-40-0	90
5	Cyclooctacosane	392	C28H56	000297-24-5	90





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Operator : RC/JU
Sample : Q3546-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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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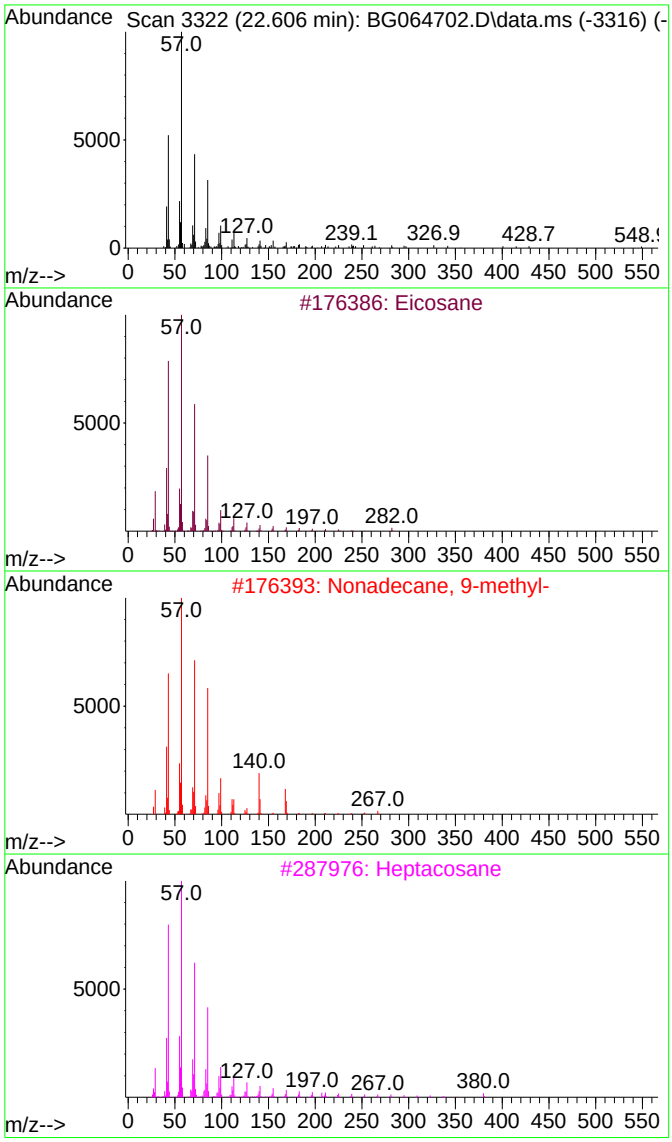
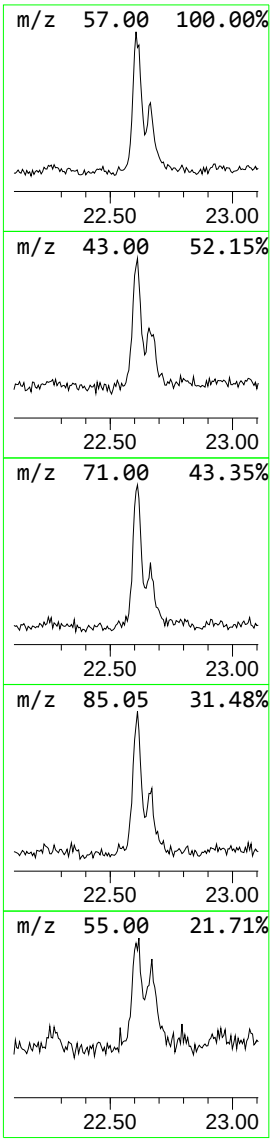
Peak Number 14 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.606	5.45 ng	213235	Chrysene-d12	21.824

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
3	Heptacosane	380	C27H56	000593-49-7	76
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	76
5	Tetratetracontane	619	C44H90	007098-22-8	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
Data File : BG064702.D
Acq On : 6 Nov 2025 14:25
Operator : RC/JU
Sample : Q3546-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.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
Benzophenone	16.166	4.3	ng	87494	3	14.821	406812	20.0
n-Hexadecanoic ...	18.434	27.3	ng	692219	4	17.559	507217	20.0
Phthalic acid, ...	19.456	10.3	ng	261126	4	17.559	507217	20.0
Octadecanoic acid	19.691	13.0	ng	507838	5	21.824	783166	20.0
Docosane	20.032	3.5	ng	135054	5	21.824	783166	20.0
1-Heptacosanol	21.460	4.6	ng	181661	5	21.824	783166	20.0
Eicosane	22.606	5.5	ng	213235	5	21.824	783166	20.0