LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
Data File : BP026277.D
Acq On : 10 Dec 2025 15:48
Operator : RC/JU
Sample : Q3814-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

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_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026277.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.284	392	399	408	rBV	1396108	2124872	2.46%	0.799%
2	6.843	658	664	675	rBV	1239939	2057444	2.38%	0.773%
3	7.649	796	801	808	rVB	641083	1035619	1.20%	0.389%
4	8.790	989	995	1002	rVB	781765	1281048	1.48%	0.481%
5	10.413	1265	1271	1278	rVB	805859	1367412	1.58%	0.514%
6	12.895	1681	1693	1697	rBV	2423302	5330674	6.17%	2.004%
7	13.719	1825	1833	1835	rBV2	674129	1457238	1.69%	0.548%
8	13.842	1837	1854	1860	rBV	3287555	12597308	14.58%	4.735%
9	13.966	1868	1875	1877	rBV	1840249	3156820	3.65%	1.186%
10	14.019	1877	1884	1885	rBV	2347549	4925961	5.70%	1.851%
11	14.248	1918	1923	1924	rBV	1449872	1852197	2.14%	0.696%
12	14.460	1953	1959	1963	rBV	886892	2036455	2.36%	0.765%
13	14.513	1966	1968	1971	rVV3	721897	1047765	1.21%	0.394%
14	14.560	1971	1976	1982	rVB2	1308963	2924181	3.38%	1.099%
15	14.689	1991	1998	2003	rBV	1127477	2817956	3.26%	1.059%
16	14.754	2004	2009	2018	rVB	2091730	4597846	5.32%	1.728%
17	14.960	2040	2044	2053	rVB3	1358080	3017865	3.49%	1.134%
18	15.160	2076	2078	2087	rVB	1508592	2604802	3.01%	0.979%
19	15.448	2124	2127	2130	rBV3	657999	947502	1.10%	0.356%
20	15.501	2130	2136	2138	rVV2	901722	1503250	1.74%	0.565%
21	15.630	2154	2158	2162	rBV2	728113	1306369	1.51%	0.491%
22	15.666	2162	2164	2168	rVB2	755723	910835	1.05%	0.342%
23	15.801	2183	2187	2190	rBV	1419282	2030179	2.35%	0.763%
24	16.072	2225	2233	2236	rBV4	647158	1636207	1.89%	0.615%
25	16.119	2237	2241	2245	rVB2	932650	1427186	1.65%	0.536%
26	16.254	2260	2264	2268	rVB	805510	1270407	1.47%	0.477%
27	16.348	2275	2280	2282	rBV2	660418	1130899	1.31%	0.425%
28	16.483	2295	2303	2304	rBV3	978898	1940819	2.25%	0.729%
29	16.736	2341	2346	2347	rBV2	840541	1077078	1.25%	0.405%
30	16.854	2363	2366	2370	rBV2	880297	1318708	1.53%	0.496%
31	17.089	2401	2406	2419	rVB2	1845873	4941224	5.72%	1.857%
32	17.195	2419	2424	2426	rBV2	821963	1295688	1.50%	0.487%
33	17.724	2511	2514	2518	rVB	884801	1056096	1.22%	0.397%
34	17.777	2518	2523	2525	rBV2	828423	1463120	1.69%	0.550%
35	17.807	2525	2528	2532	rVB2	1753678	2253708	2.61%	0.847%
36	17.860	2532	2537	2539	rBV2	1346009	2209660	2.56%	0.830%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
Data File : BP026277.D
Acq On : 10 Dec 2025 15:48
Operator : RC/JU
Sample : Q3814-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

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_P\Methods\8270E-BP111825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.960	2547	2554	2558	rBV	2730436	6736193	7.80%	2.532%
38	18.066	2558	2572	2573	rBV	12858245	34302658	39.70%	12.893%
39	18.301	2607	2612	2621	rBV	1256515	2988973	3.46%	1.123%
40	18.489	2640	2644	2647	rBV2	669308	1316030	1.52%	0.495%
41	18.766	2684	2691	2696	rBV3	814704	1952392	2.26%	0.734%
42	19.160	2755	2758	2759	rBV3	974838	1093071	1.27%	0.411%
43	19.242	2767	2772	2775	rBV2	3440942	6551112	7.58%	2.462%
44	19.271	2775	2777	2782	rVV3	2233913	3776099	4.37%	1.419%
45	19.436	2787	2805	2816	rVB	22708088	86406603	100.00%	32.476%
46	19.566	2824	2827	2832	rVB	1879913	2256775	2.61%	0.848%
47	19.830	2867	2872	2881	rVB	3984561	5240944	6.07%	1.970%
48	20.683	3012	3017	3025	rVB	2950148	4639177	5.37%	1.744%
49	21.024	3071	3075	3081	rBV	579303	906976	1.05%	0.341%
50	21.430	3138	3144	3154	rVB	3797290	6972483	8.07%	2.621%
51	21.530	3156	3161	3168	rVB2	1565342	2806964	3.25%	1.055%
52	21.760	3195	3200	3209	rVB	1476289	2609749	3.02%	0.981%
53	23.824	3545	3551	3565	rVB	1046742	2958046	3.42%	1.112%
54	24.836	3716	3723	3732	rVB	1314639	3502767	4.05%	1.317%
55	29.259	4467	4475	4476	rBV2	1849178	3096434	3.58%	1.164%

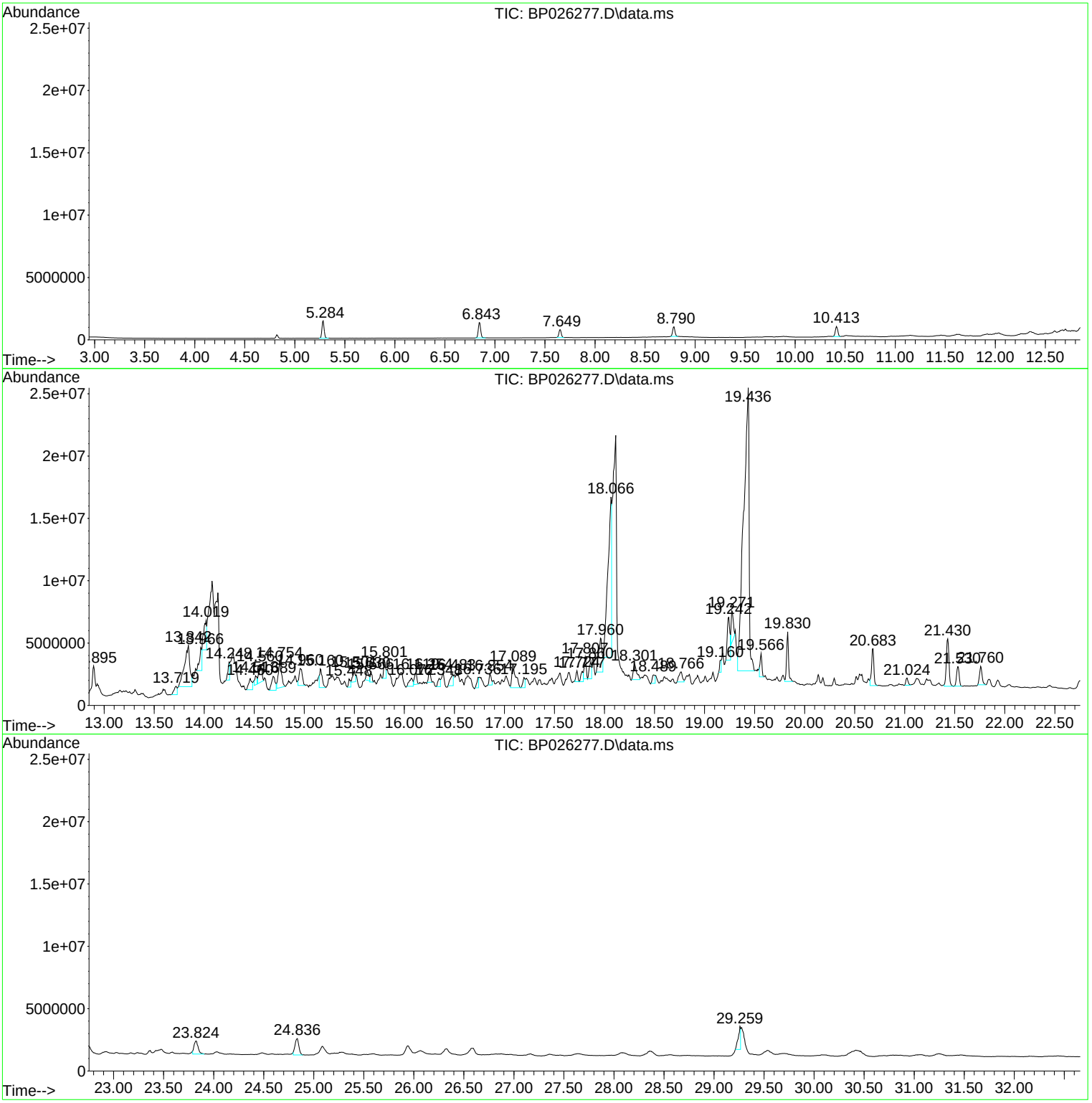
Sum of corrected areas: 266065844

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
Data File : BP026277.D
Acq On : 10 Dec 2025 15:48
Operator : RC/JU
Sample : Q3814-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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_P\Data\BP121025\
Data File : BP026277.D
Acq On : 10 Dec 2025 15:48
Operator : RC/JU
Sample : Q3814-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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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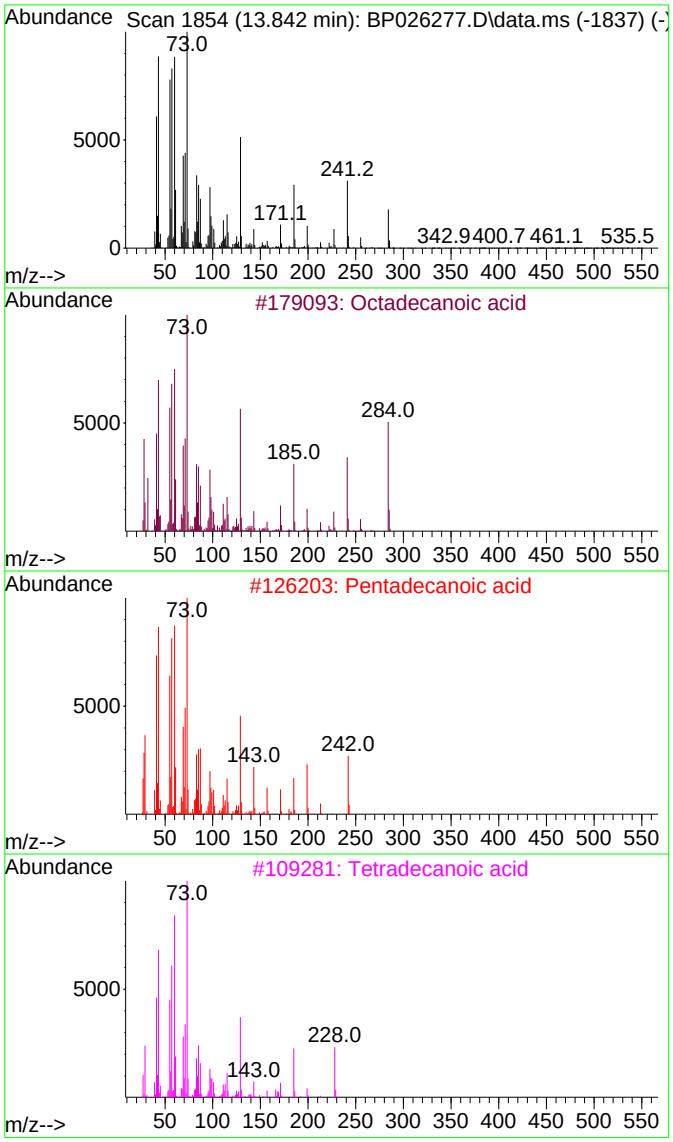
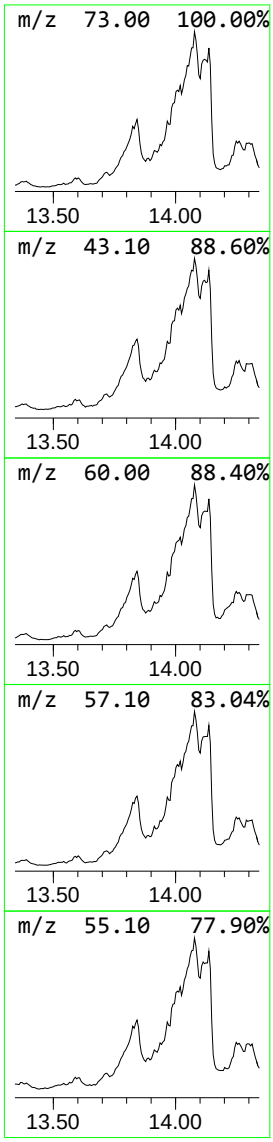
Peak Number 1 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.842	136.03 ng	12597300	Acenaphthene-d10	14.284

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
Data File : BP026277.D
Acq On : 10 Dec 2025 15:48
Operator : RC/JU
Sample : Q3814-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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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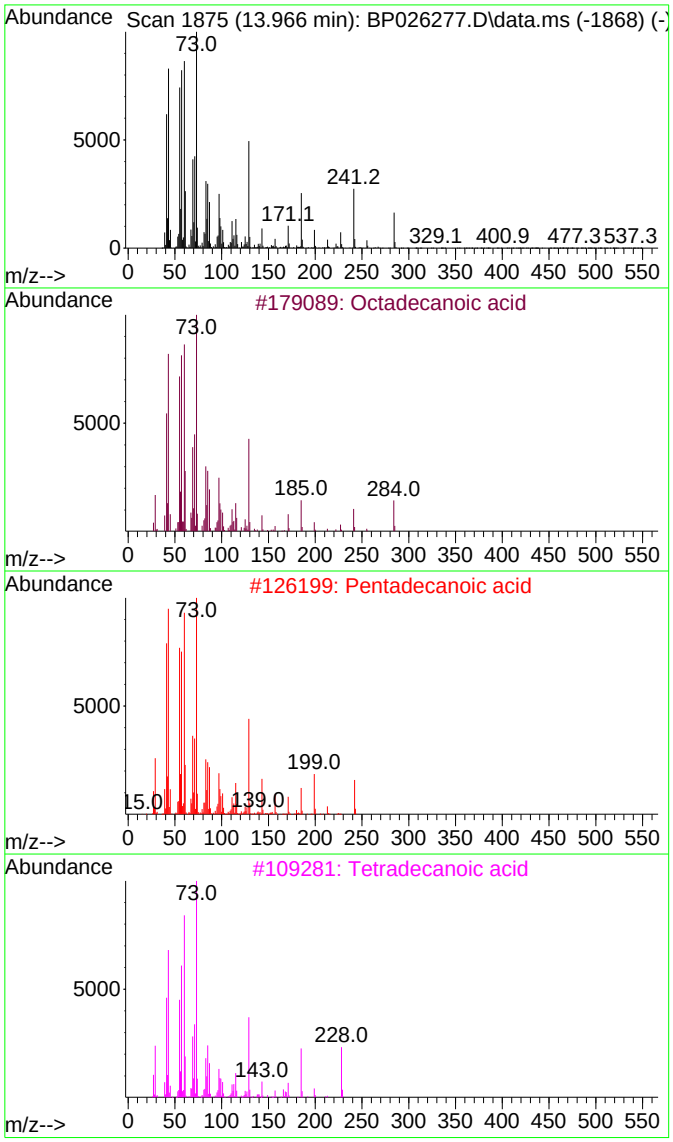
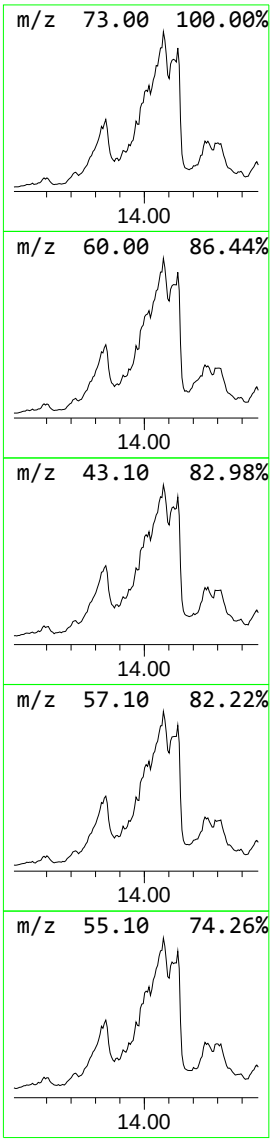
Peak Number 2 Pentadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.966	34.09 ng	3156820	Acenaphthene-d10	14.284

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
Data File : BP026277.D
Acq On : 10 Dec 2025 15:48
Operator : RC/JU
Sample : Q3814-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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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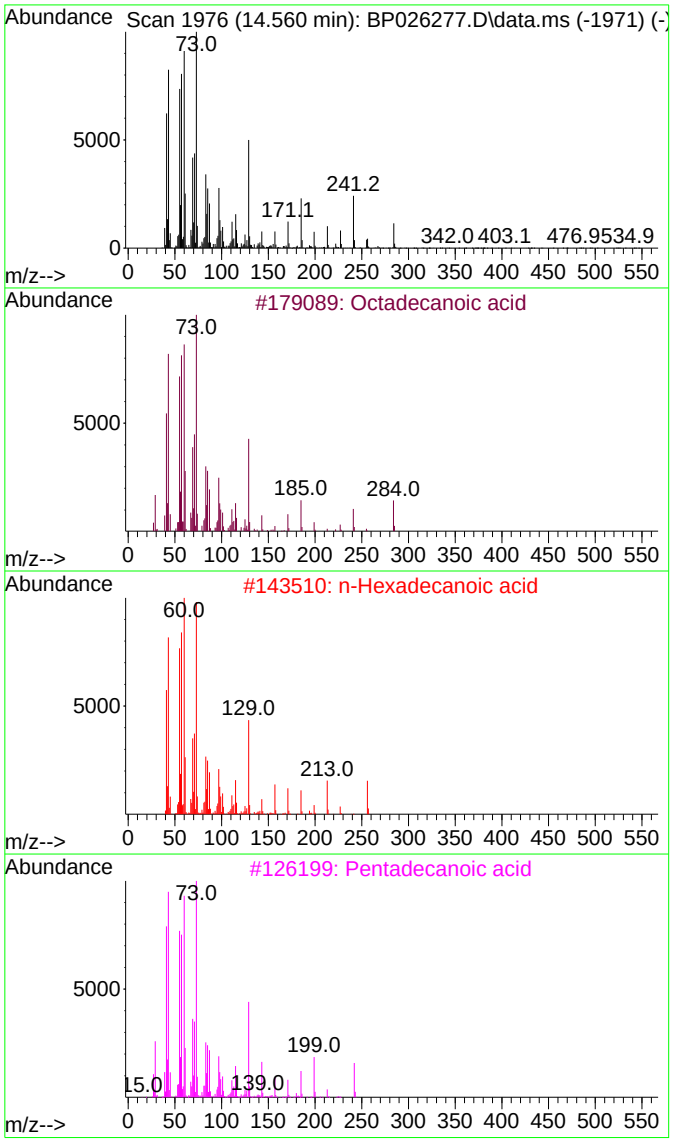
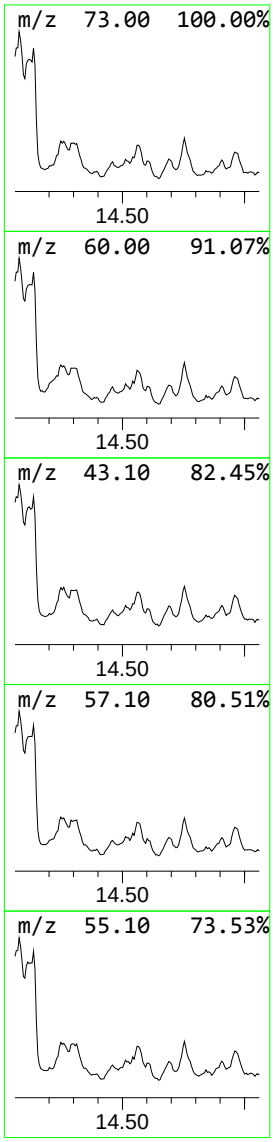
Peak Number 5 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.560	31.58 ng	2924180	Acenaphthene-d10	14.284

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
Data File : BP026277.D
Acq On : 10 Dec 2025 15:48
Operator : RC/JU
Sample : Q3814-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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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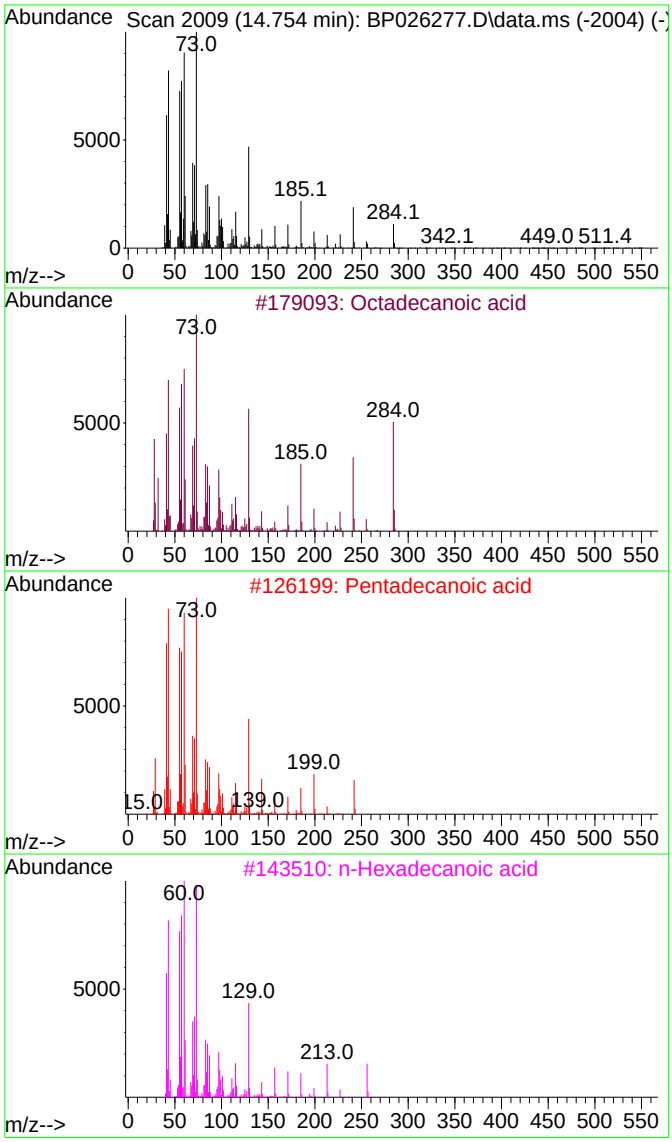
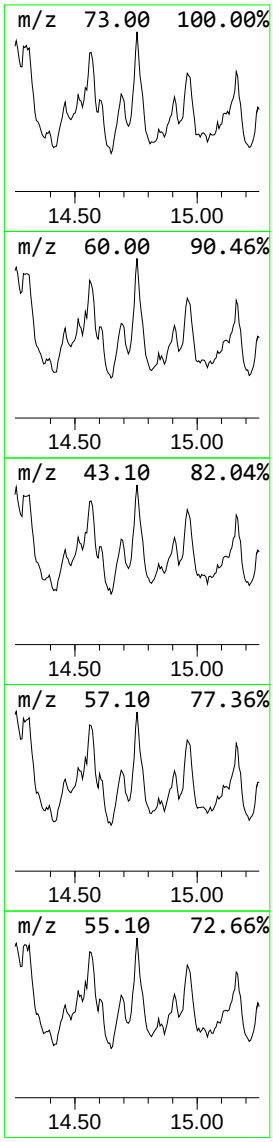
Peak Number 7 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.754	49.65 ng	4597850	Acenaphthene-d10	14.284

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
Data File : BP026277.D
Acq On : 10 Dec 2025 15:48
Operator : RC/JU
Sample : Q3814-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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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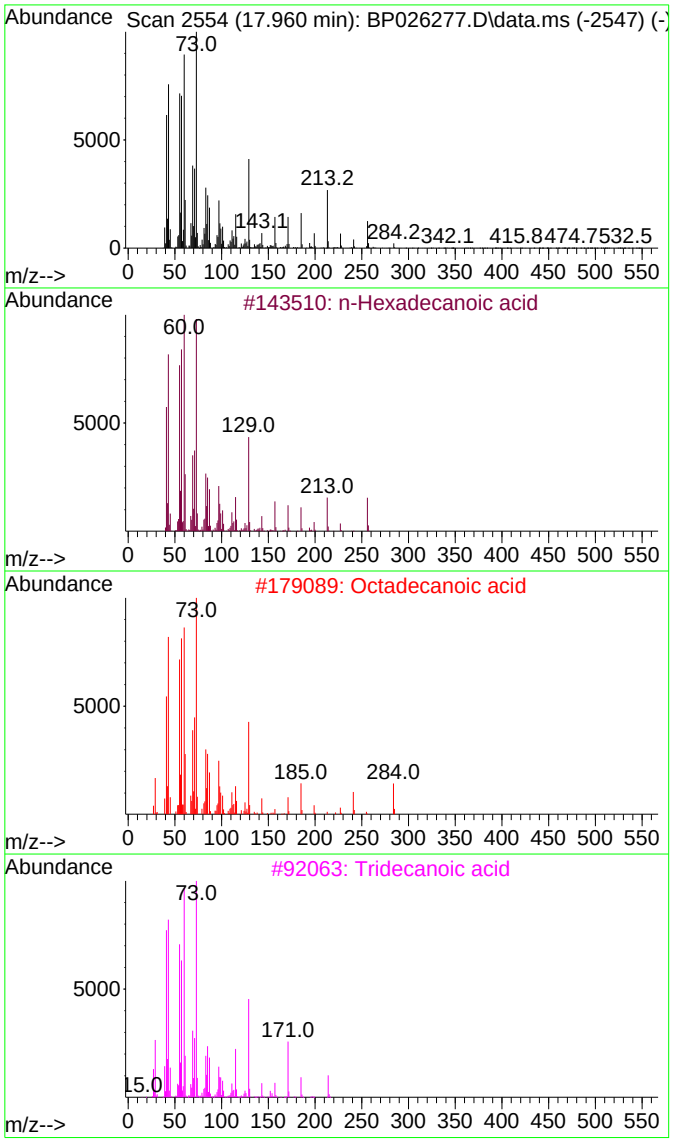
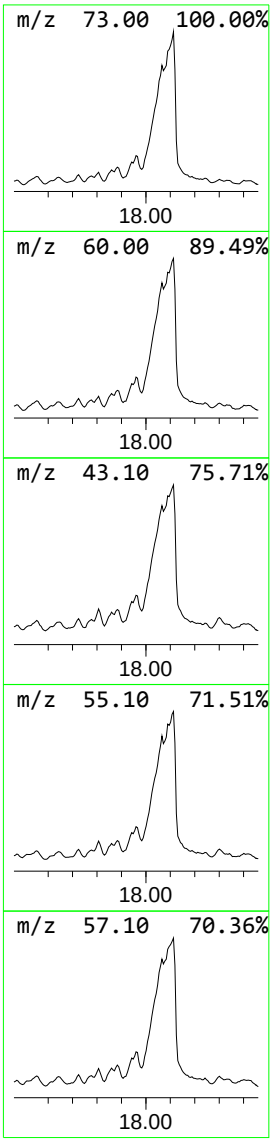
Peak Number 11 Tridecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.960	27.27 ng	6736190	Phenanthrene-d10	17.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
Data File : BP026277.D
Acq On : 10 Dec 2025 15:48
Operator : RC/JU
Sample : Q3814-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

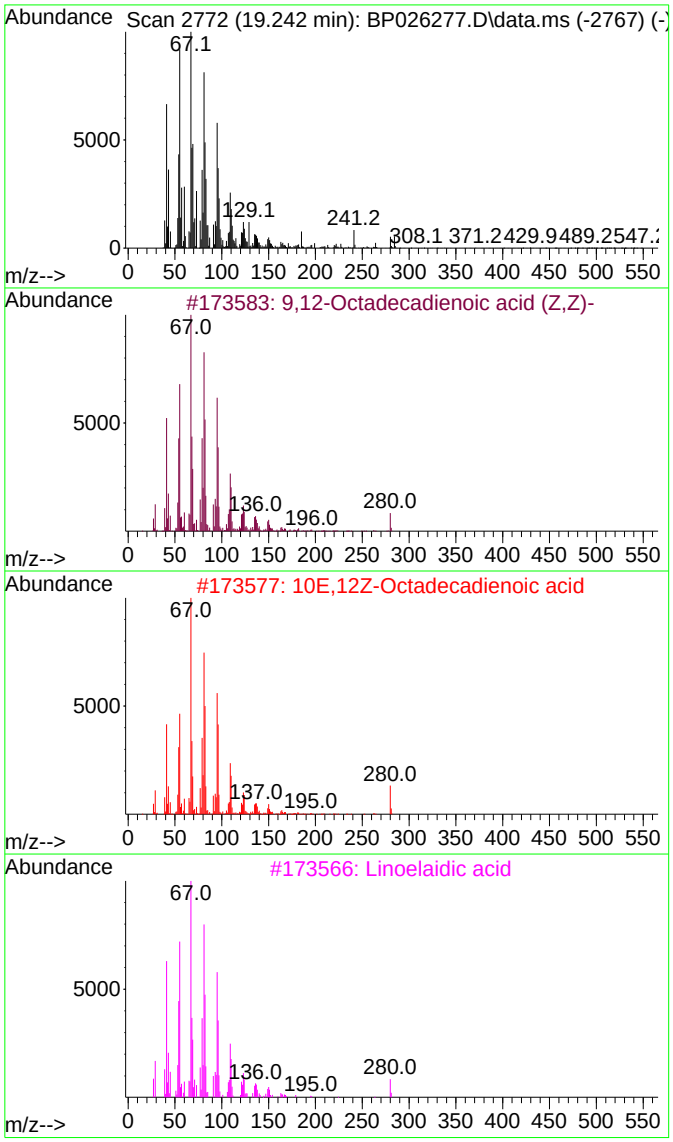
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

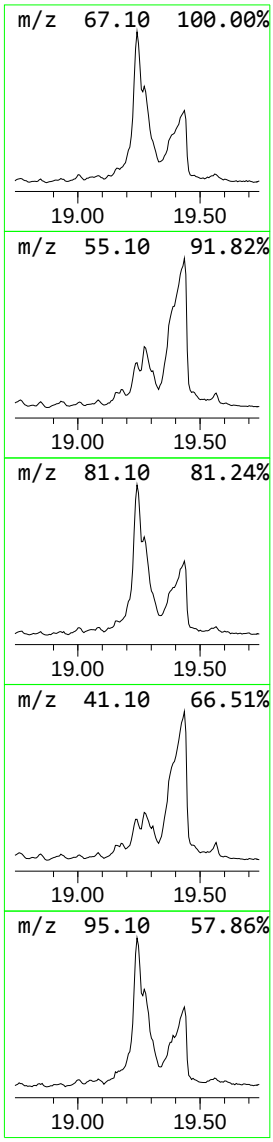
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,12-Octadecadienoic acid (... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.242	26.52 ng	6551110	Phenanthrene-d10	17.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	98
3	Linoelaidic acid	280	C18H32O2	000506-21-8	98
4	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	96
5	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
Data File : BP026277.D
Acq On : 10 Dec 2025 15:48
Operator : RC/JU
Sample : Q3814-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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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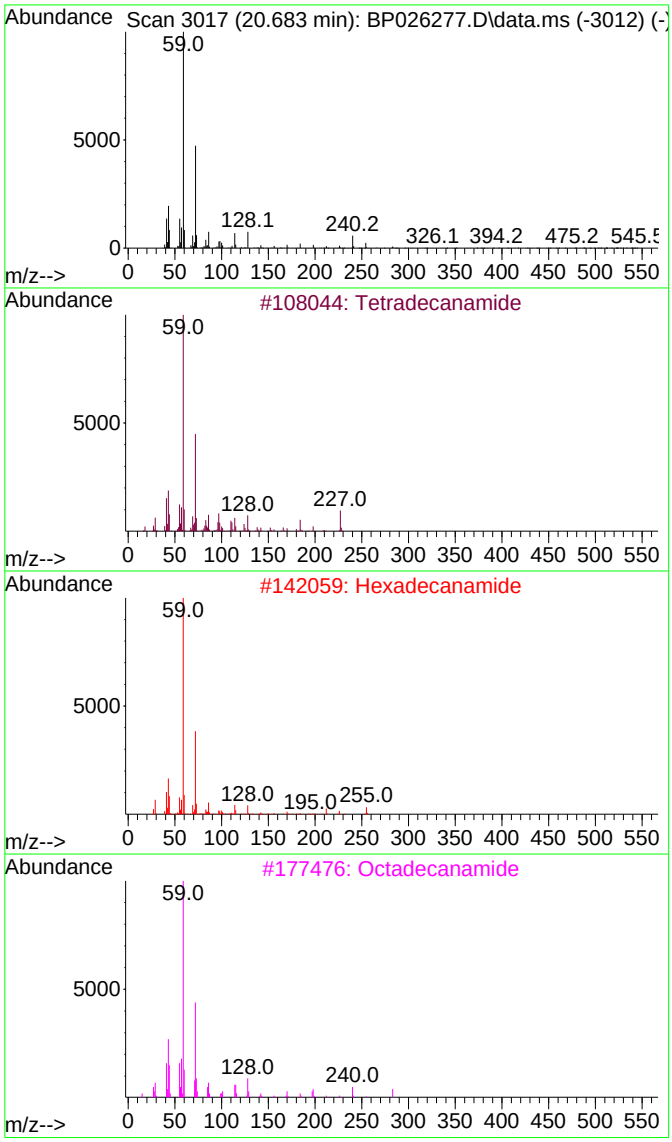
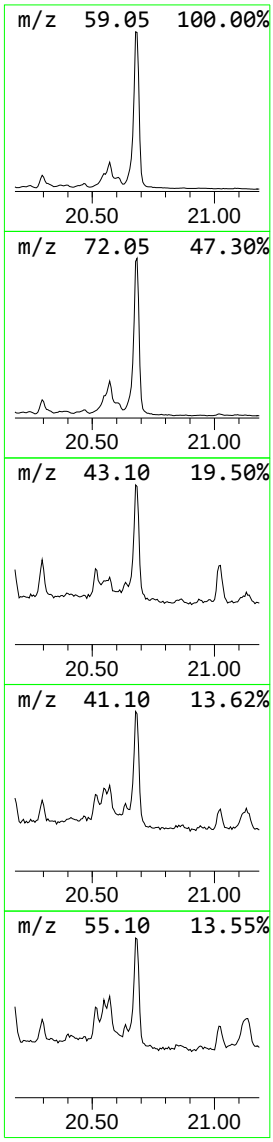
Peak Number 16 Tetradecanamide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.683	33.05 ng	4639180	Chrysene-d12	21.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanamide	227	C14H29NO	000638-58-4	90
2	Hexadecanamide	255	C16H33NO	000629-54-9	86
3	Octadecanamide	283	C18H37NO	000124-26-5	64
4	Dodecanamide	199	C12H25NO	001120-16-7	59
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
Data File : BP026277.D
Acq On : 10 Dec 2025 15:48
Operator : RC/JU
Sample : Q3814-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

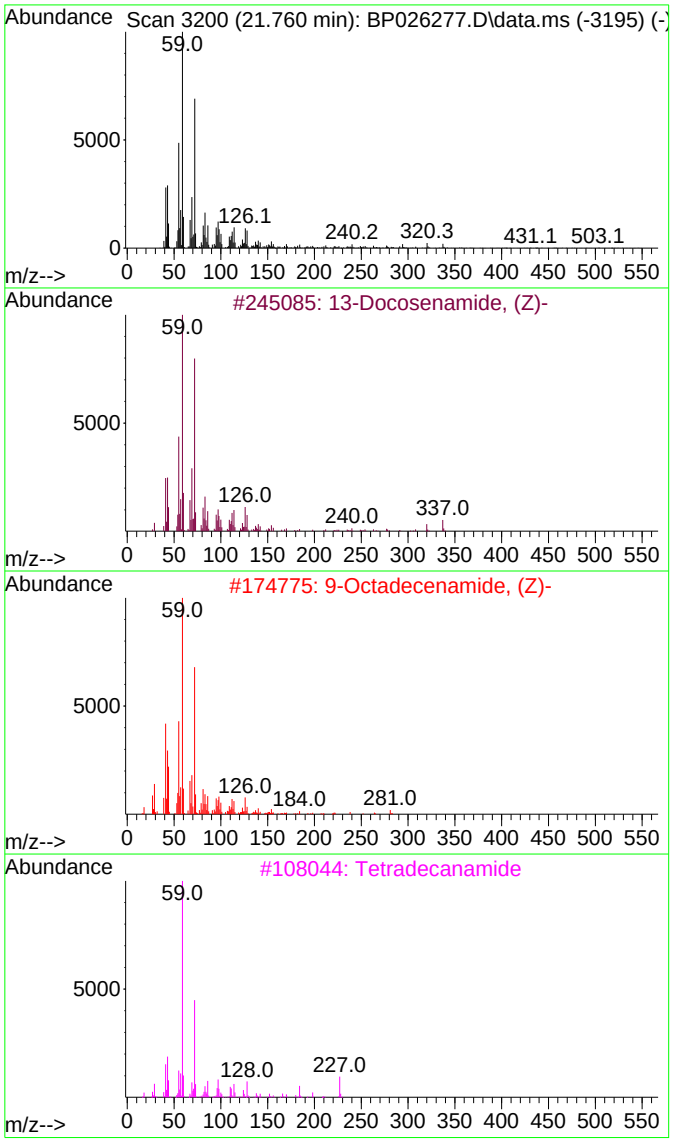
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

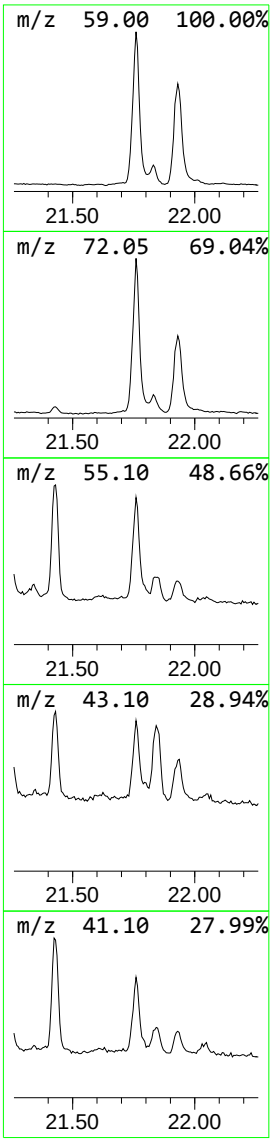
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 13-Docosenamide, (Z)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.759	18.59 ng	2609750	Chrysene-d12	21.530

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
3	Tetradecanamide	227	C14H29NO	000638-58-4	72
4	7-Nonenamide	155	C9H17NO	090949-53-4	59
5	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	58





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Data File : BP026277.D
Acq On : 10 Dec 2025 15:48
Operator : RC/JU
Sample : Q3814-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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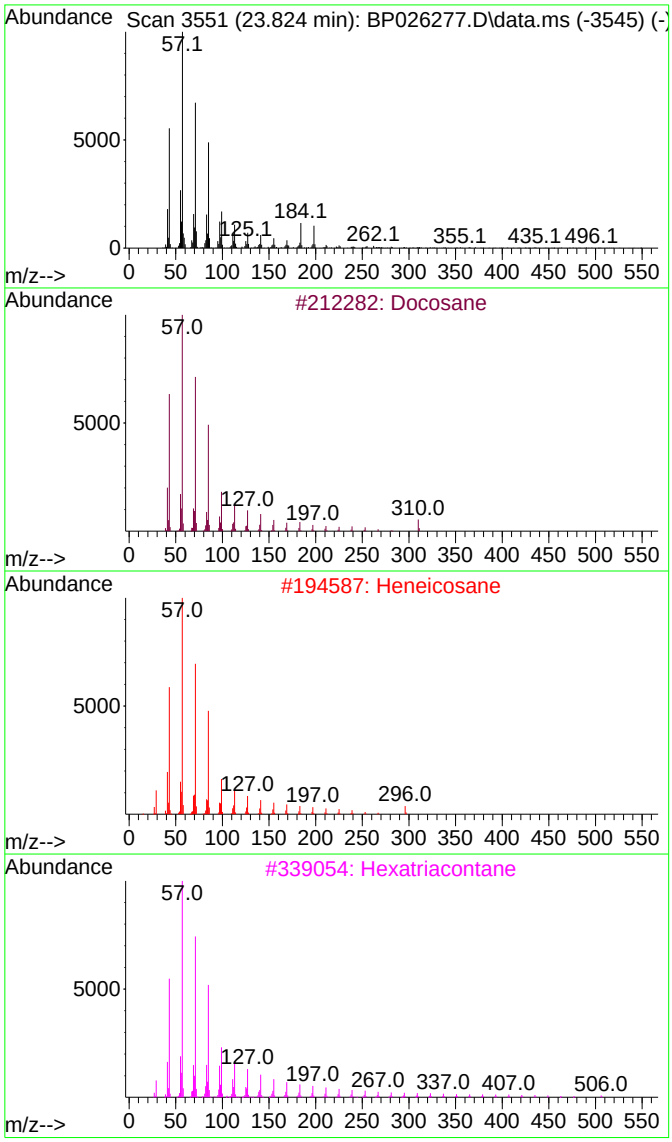
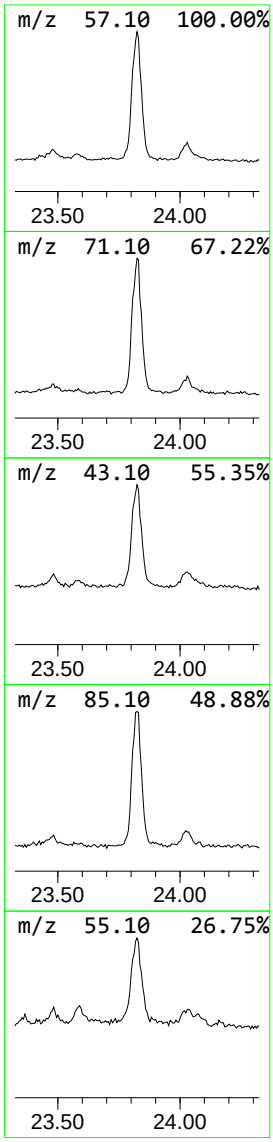
Peak Number 19 Docosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.824	16.89 ng	2958050	Perylene-d12	24.836

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	95
2	Heneicosane	296	C21H44	000629-94-7	95
3	Hexatriacontane	507	C36H74	000630-06-8	95
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
5	Heptadecane	240	C17H36	000629-78-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
Data File : BP026277.D
Acq On : 10 Dec 2025 15:48
Operator : RC/JU
Sample : Q3814-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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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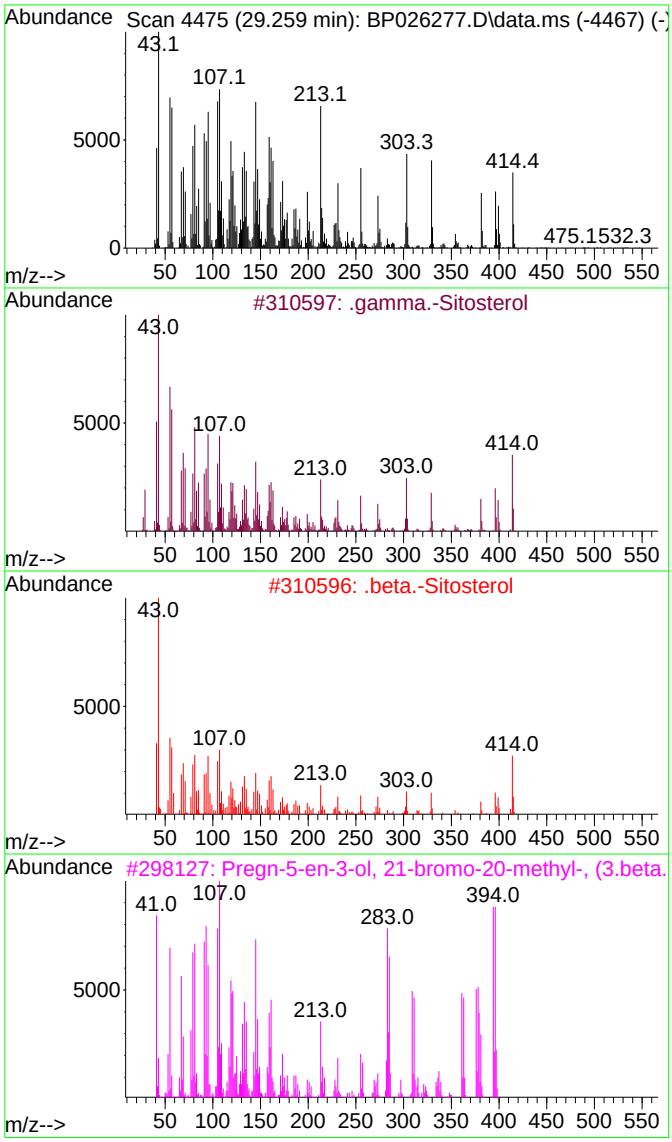
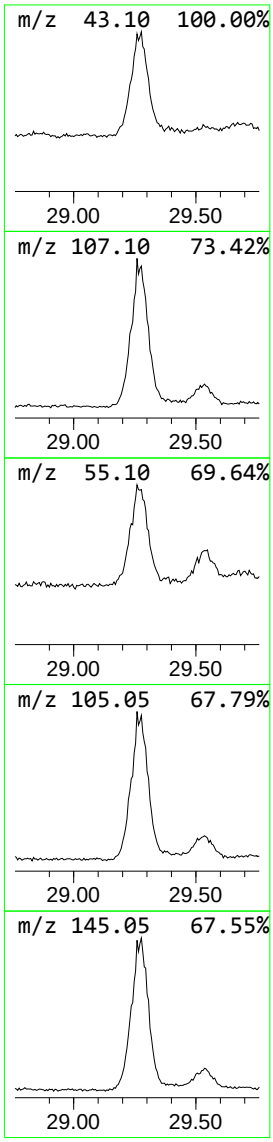
Peak Number 20 .gamma.-Sitosterol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.259	17.68 ng	3096430	Perylene-d12	24.836

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	98
3	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	92
4	(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	86
5	(3S,8S,9S,10R,13R,14S,17R)-17-((...	428	C30H52O	020194-50-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
Data File : BP026277.D
Acq On : 10 Dec 2025 15:48
Operator : RC/JU
Sample : Q3814-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.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
Octadecanoic acid	13.842	136.0	ng	12597300	3	14.284	1852200	20.0
Pentadecanoic acid	13.966	34.1	ng	3156820	3	14.284	1852200	20.0
n-Hexadecanoic ...	14.560	31.6	ng	2924180	3	14.284	1852200	20.0
Tetradecanoic acid	14.754	49.6	ng	4597850	3	14.284	1852200	20.0
Tridecanoic acid	17.960	27.3	ng	6736190	4	17.083	4941220	20.0
9,12-Octadecadi...	19.242	26.5	ng	6551110	4	17.083	4941220	20.0
Tetradecanamide	20.683	33.0	ng	4639180	5	21.530	2806960	20.0
13-Docosenamide...	21.759	18.6	ng	2609750	5	21.530	2806960	20.0
Docosane	23.824	16.9	ng	2958050	6	24.836	3502770	20.0
.gamma.-Sitosterol	29.259	17.7	ng	3096430	6	24.836	3502770	20.0