LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121025\
Data File : BP026282.D
Acq On : 10 Dec 2025 19:15
Operator : RC/JU
Sample : Q3821-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-A-B

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: BP026282.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.820	314	320	329	rVB	520883	739850	9.77%	1.479%
2	5.278	390	398	410	rBV	2285099	3365928	44.45%	6.727%
3	6.837	655	663	678	rBV	2001758	3323513	43.89%	6.642%
4	7.649	793	801	810	rBV	609381	1002955	13.25%	2.004%
5	8.790	986	995	1014	rBV	1278429	2190364	28.93%	4.377%
6	10.407	1262	1270	1279	rBV	797881	1377149	18.19%	2.752%
7	12.896	1685	1693	1707	rBV	2977160	5089250	67.21%	10.171%
8	14.119	1895	1901	1911	rBV2	58127	125618	1.66%	0.251%
9	14.295	1923	1931	1938	rBV	1099838	1843260	24.34%	3.684%
10	15.678	2160	2166	2173	rVB	438427	571368	7.55%	1.142%
11	15.813	2182	2189	2195	rBV	2825833	4083506	53.93%	8.161%
12	17.095	2401	2407	2413	rBV2	1386212	2131302	28.15%	4.259%
13	18.054	2562	2570	2597	rBV	1336939	2411892	31.85%	4.820%
14	19.260	2767	2775	2778	rBV2	108826	264297	3.49%	0.528%
15	19.395	2791	2798	2820	rBV	2337769	3741204	49.41%	7.477%
16	19.836	2867	2873	2880	rBV	5123909	7572185	100.00%	15.132%
17	21.219	3105	3108	3121	rVB	486963	723872	9.56%	1.447%
18	21.542	3157	3163	3168	rBV	1848336	2589095	34.19%	5.174%
19	24.842	3718	3724	3737	rVB	1063221	2906334	38.38%	5.808%
20	29.218	4457	4468	4469	rBV	1767023	3986357	52.64%	7.966%

Sum of corrected areas: 50039299

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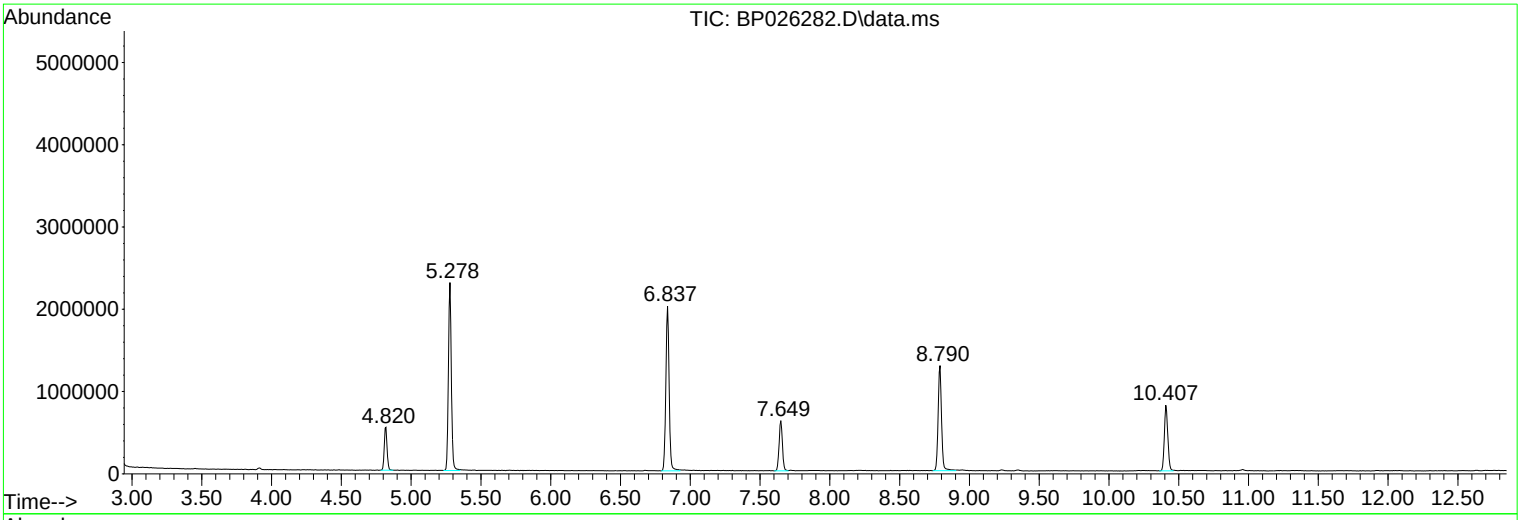
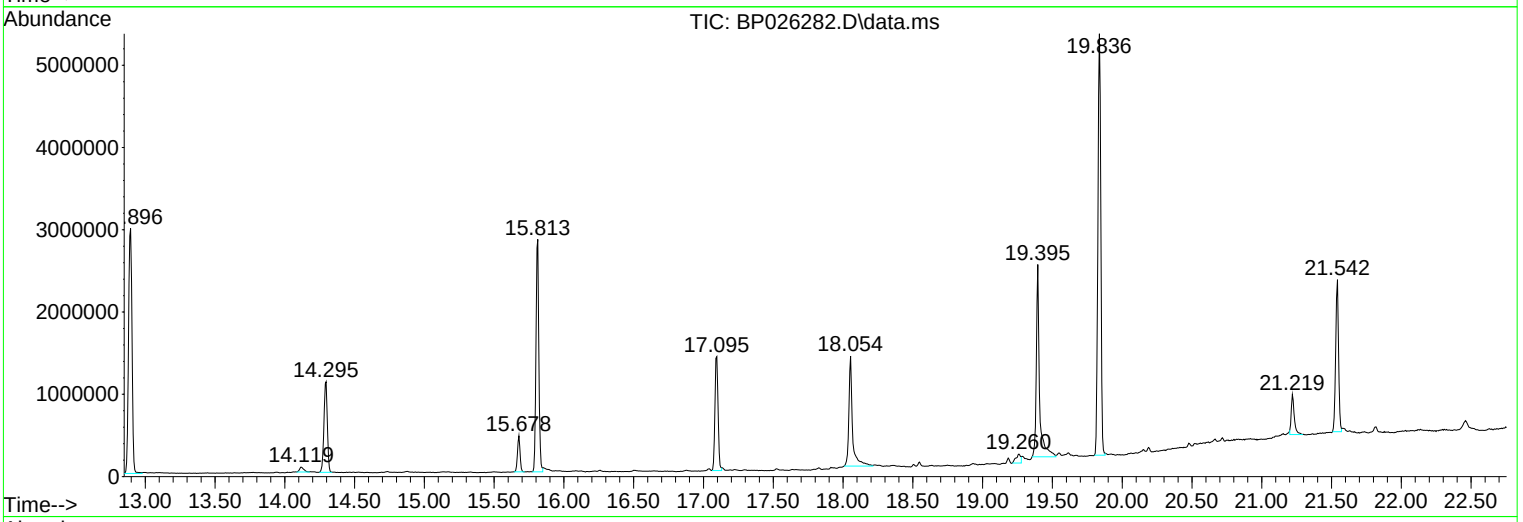
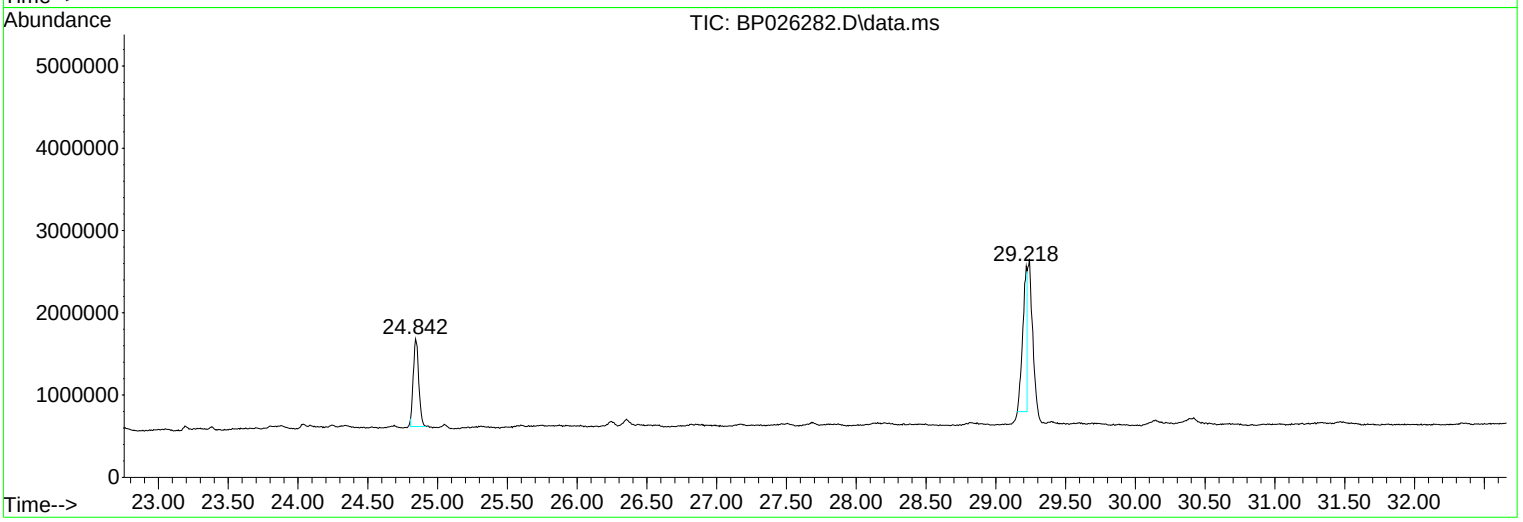
Instrument :
BNA_P
ClientSampleId :
TP-A-B

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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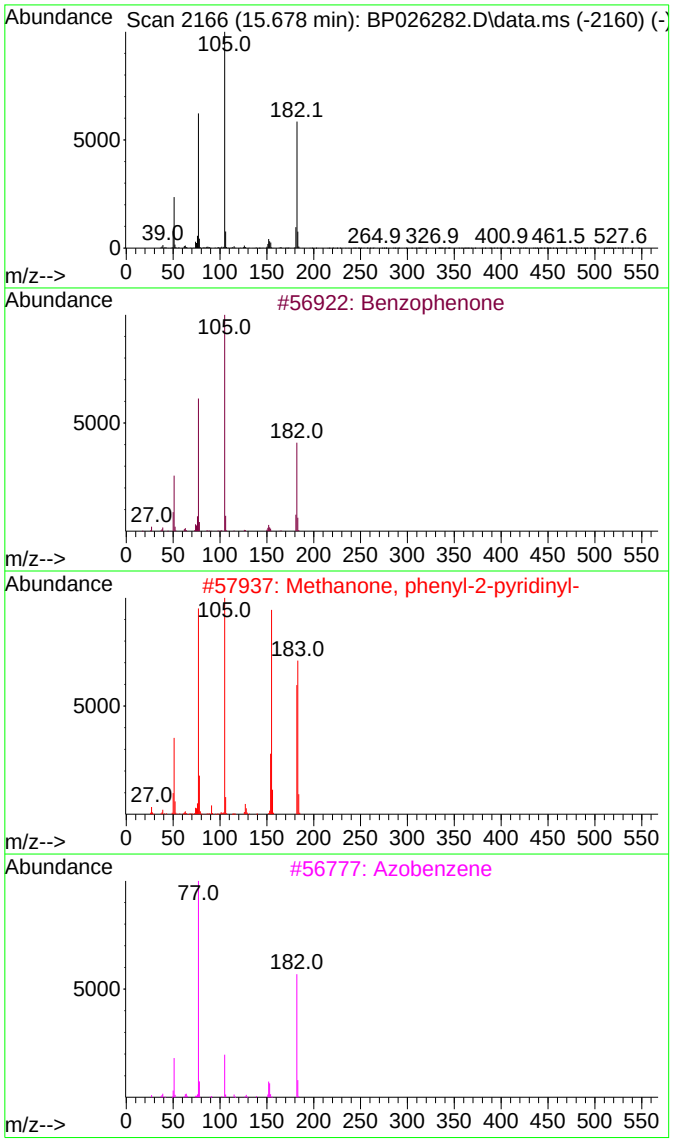
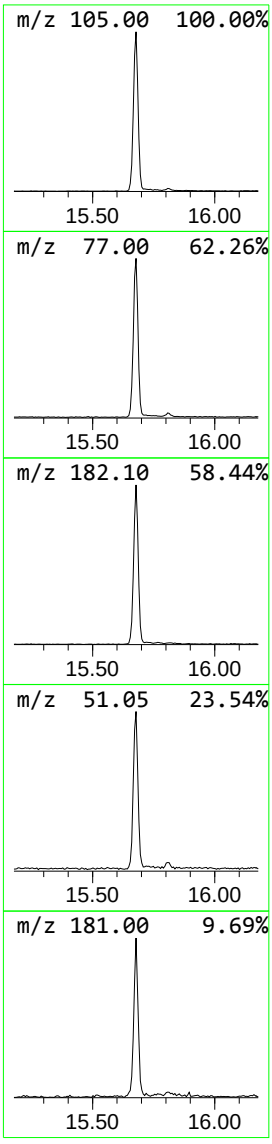
Peak Number 2 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.678	6.20 ng	571368	Acenaphthene-d10	14.296

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	45
3	Azobenzene	182	C12H10N2	000103-33-3	43
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42
5	Azobenzene, (E)-	182	C12H10N2	017082-12-1	42





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Instrument :
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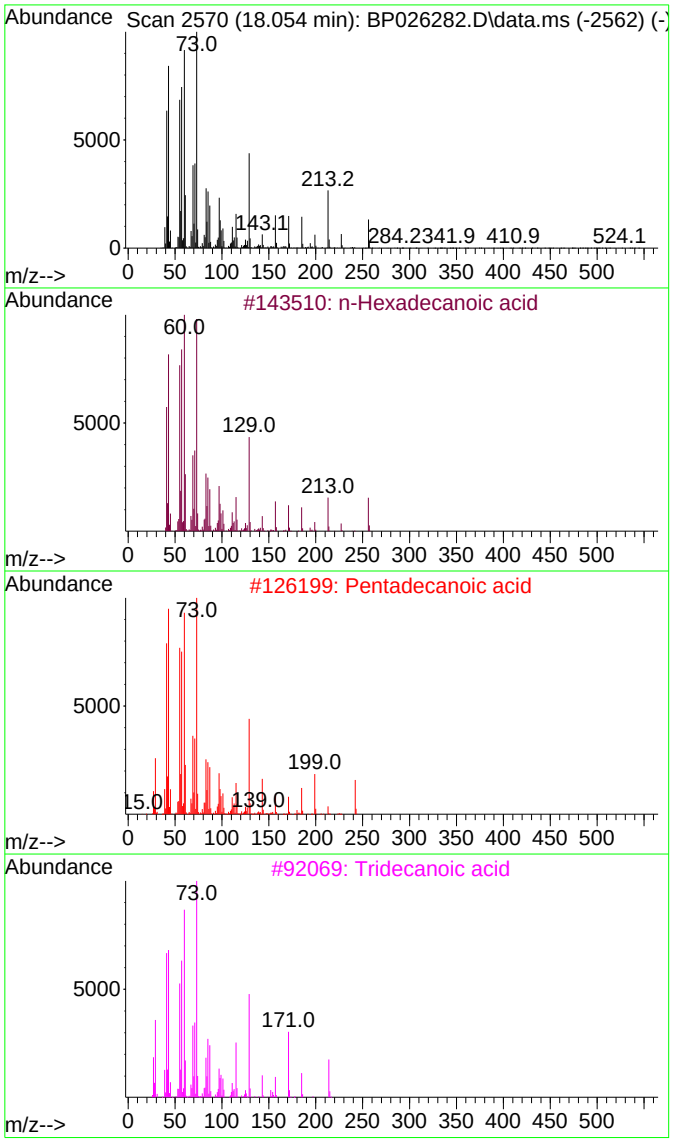
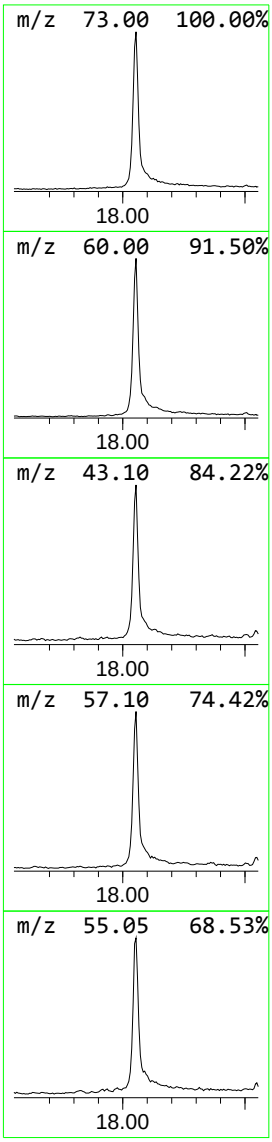
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.054	22.63 ng	2411890	Phenanthrene-d10	17.095

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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





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Data File : BP026282.D
Acq On : 10 Dec 2025 19:15
Operator : RC/JU
Sample : Q3821-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-A-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
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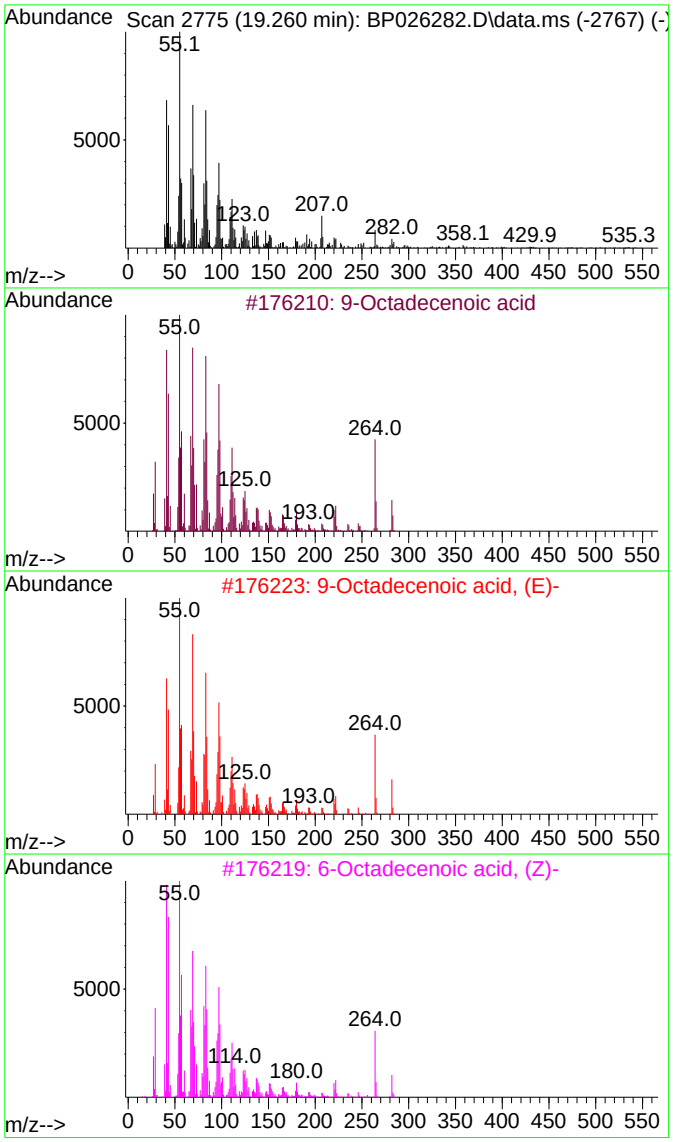
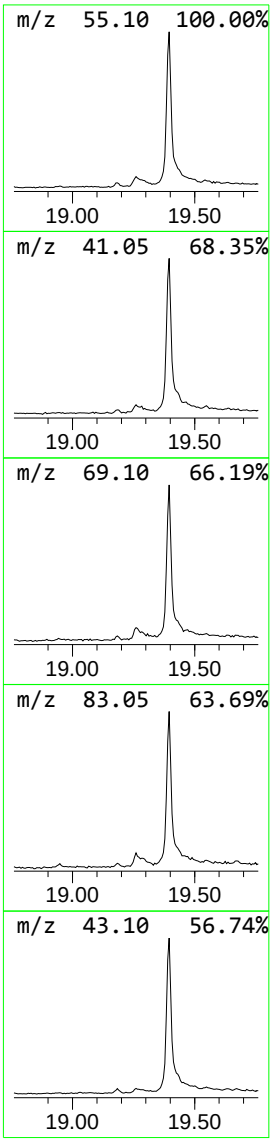
Peak Number 4 9-Octadecenoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.260	2.48 ng	264297	Phenanthrene-d10	17.095

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid	282	C18H34O2	002027-47-6	99
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	99
3	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	99
4	cis-Vaccenic acid	282	C18H34O2	000506-17-2	95
5	Palmitoleic acid	254	C16H30O2	000373-49-9	91





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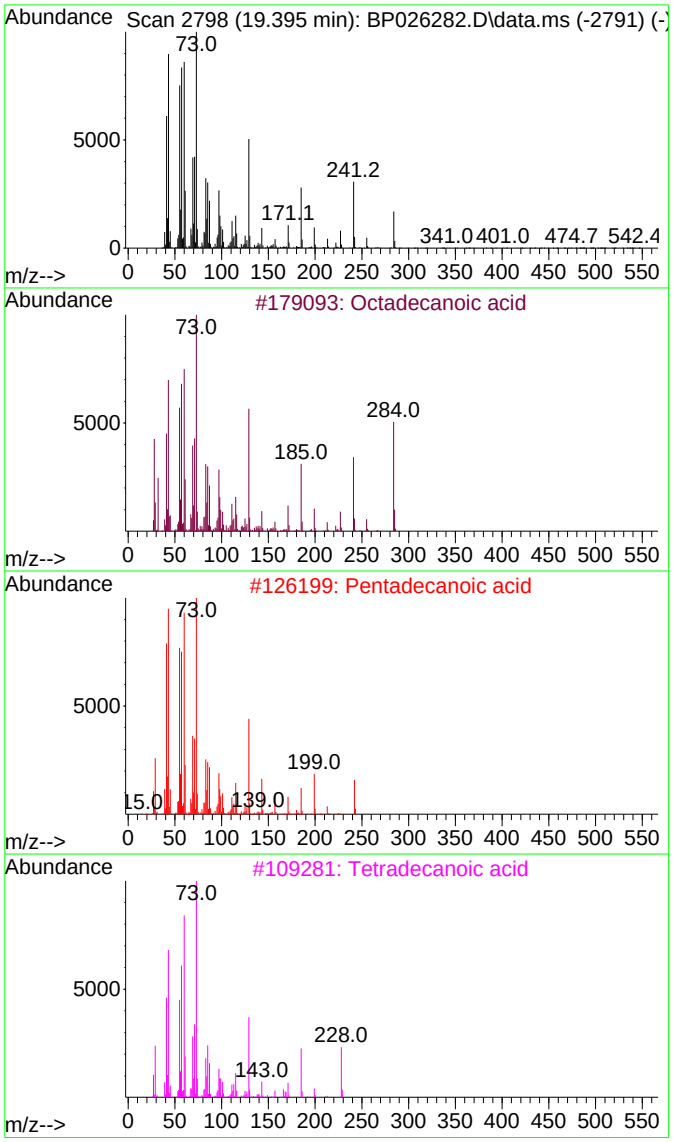
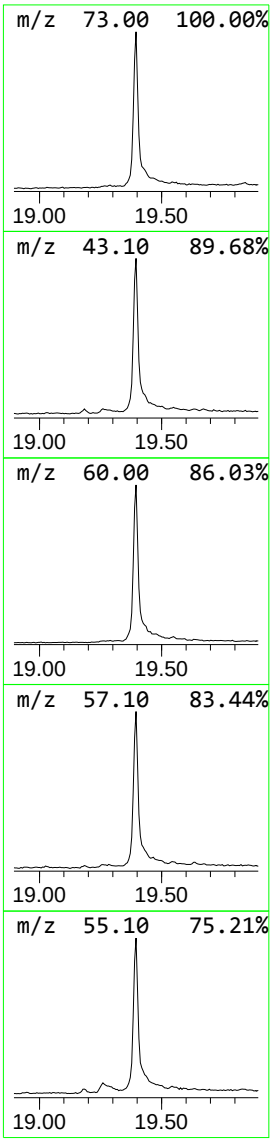
Peak Number 5 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.395	28.90 ng	3741200	Chrysene-d12	21.542

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	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	55





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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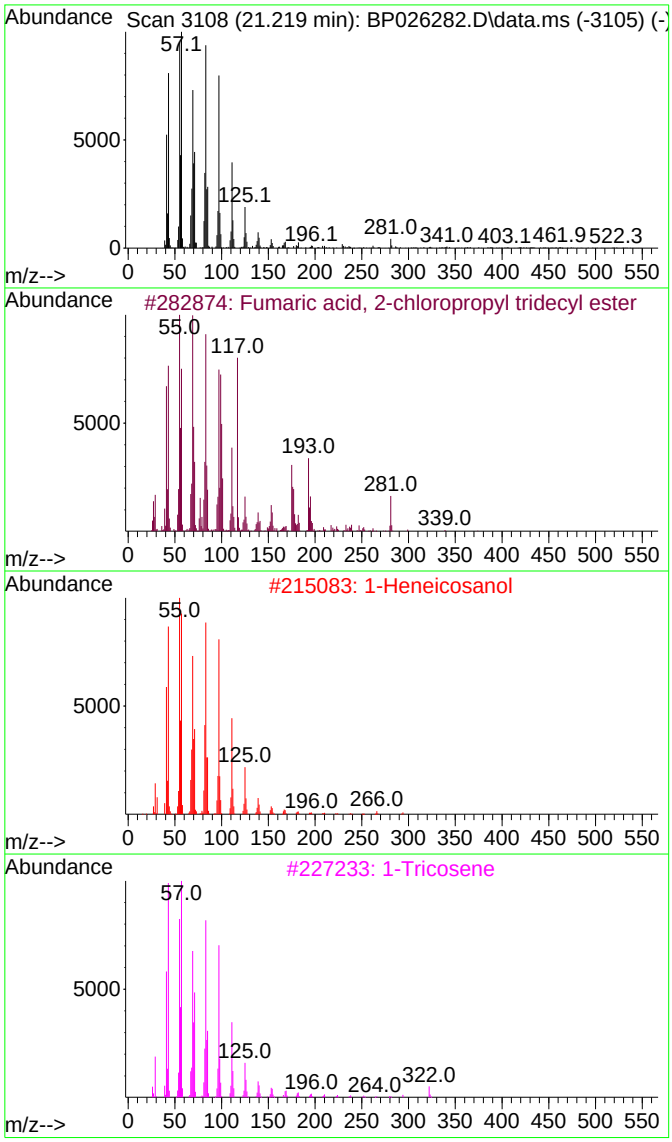
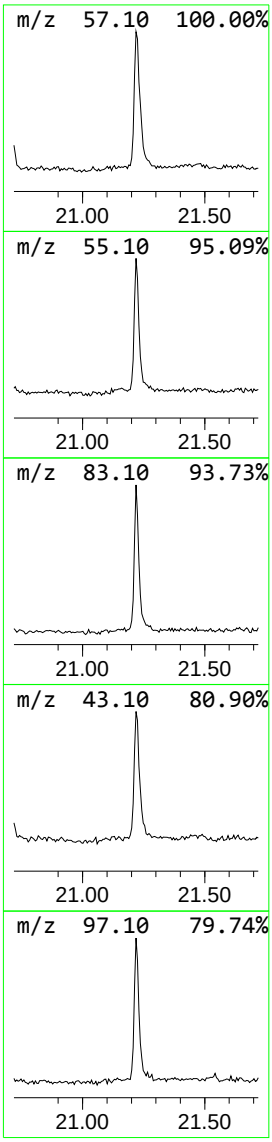
Peak Number 6 Fumaric acid, 2-chloropropy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.219	5.59 ng	723872	Chrysene-d12	21.542

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1010348-57-1	97
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	1-Tricosene	322	C23H46	018835-32-0	94
4	Pentacos-1-ene	350	C25H50	016980-85-1	94
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	15.678	6.2	ng	571368	3	14.296	1843260	20.0
n-Hexadecanoic ...	18.054	22.6	ng	2411890	4	17.095	2131300	20.0
9-Octadecenoic ...	19.260	2.5	ng	264297	4	17.095	2131300	20.0
Octadecanoic acid	19.395	28.9	ng	3741200	5	21.542	2589100	20.0
Fumaric acid, 2...	21.219	5.6	ng	723872	5	21.542	2589100	20.0