LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144388.D
Acq On : 01 Dec 2025 15:45
Operator : RC/JU
Sample : Q3719-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1125-16A

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_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144388.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	484	490	499	rBV	217032	310639	33.28%	3.143%
2	5.493	555	561	570	rBV	634753	927994	99.43%	9.389%
3	5.575	570	575	593	rVB	245758	343121	36.76%	3.472%
4	5.863	620	624	632	rBV2	10919	20672	2.21%	0.209%
5	6.416	714	718	724	rBV	10798	14270	1.53%	0.144%
6	6.498	726	732	751	rVV	666093	912900	97.82%	9.237%
7	6.857	788	793	799	rBV	215125	279029	29.90%	2.823%
8	7.269	855	863	870	rVB2	7114	12170	1.30%	0.123%
9	7.422	883	889	900	rBV	467742	602101	64.51%	6.092%
10	8.145	1006	1012	1021	rVB	263358	346866	37.17%	3.510%
11	8.363	1044	1049	1057	rVB3	6266	9889	1.06%	0.100%
12	9.216	1189	1194	1201	rBV	744980	933292	100.00%	9.443%
13	9.898	1303	1310	1315	rBV	281594	364472	39.05%	3.688%
14	10.022	1324	1331	1336	rBV	15540	21565	2.31%	0.218%
15	10.322	1372	1382	1387	rBV	4889	12700	1.36%	0.128%
16	10.557	1418	1422	1427	rBV2	10470	15044	1.61%	0.152%
17	10.616	1427	1432	1439	rVB	97940	130428	13.98%	1.320%
18	10.692	1440	1445	1452	rBV	415581	528295	56.61%	5.345%
19	10.757	1452	1456	1461	rBV	15036	19099	2.05%	0.193%
20	10.922	1480	1484	1489	rVB	14330	18522	1.98%	0.187%
21	11.251	1535	1540	1544	rBV8	7826	13899	1.49%	0.141%
22	11.392	1559	1564	1573	rBV2	255513	407664	43.68%	4.125%
23	11.469	1573	1577	1580	rVV	10737	11778	1.26%	0.119%
24	11.622	1598	1603	1609	rBV4	8883	16510	1.77%	0.167%
25	11.798	1630	1633	1636	rVB4	8871	10561	1.13%	0.107%
26	11.845	1636	1641	1643	rBV5	10162	15683	1.68%	0.159%
27	11.916	1643	1653	1661	rVV3	216698	380094	40.73%	3.846%
28	12.010	1665	1669	1676	rVB2	22362	43949	4.71%	0.445%
29	12.080	1676	1681	1688	rBV8	12557	31774	3.40%	0.321%
30	12.227	1702	1706	1716	rVB5	13083	27990	3.00%	0.283%
31	12.316	1718	1721	1726	rBV6	6004	12147	1.30%	0.123%
32	12.533	1755	1758	1762	rBV2	9895	14349	1.54%	0.145%
33	12.610	1762	1771	1780	rVV	151028	258153	27.66%	2.612%
34	12.698	1782	1786	1793	rVV2	60008	85347	9.14%	0.864%
35	12.839	1804	1810	1816	rBV	115400	169374	18.15%	1.714%
36	12.980	1828	1834	1841	rVB	656885	856473	91.77%	8.666%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144388.D
Acq On : 01 Dec 2025 15:45
Operator : RC/JU
Sample : Q3719-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-16A

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_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.169	1863	1866	1869	rVB2	16912	19773	2.12%	0.200%
38	13.274	1880	1884	1890	rVB3	15087	24215	2.59%	0.245%
39	13.874	1982	1986	1992	rVB2	103360	161643	17.32%	1.635%
40	14.039	2006	2014	2026	rBV2	304672	592481	63.48%	5.995%
41	14.504	2089	2093	2099	rBV2	54152	93742	10.04%	0.948%
42	15.092	2189	2193	2200	rBV	74586	159909	17.13%	1.618%
43	15.398	2242	2245	2251	rVB	45862	76520	8.20%	0.774%
44	15.463	2252	2256	2261	rVB	59469	87830	9.41%	0.889%
45	15.527	2261	2267	2278	rBV	252108	420123	45.02%	4.251%
46	15.968	2338	2342	2348	rVB	40517	68478	7.34%	0.693%

Sum of corrected areas: 9883527

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144388.D
Acq On : 01 Dec 2025 15:45
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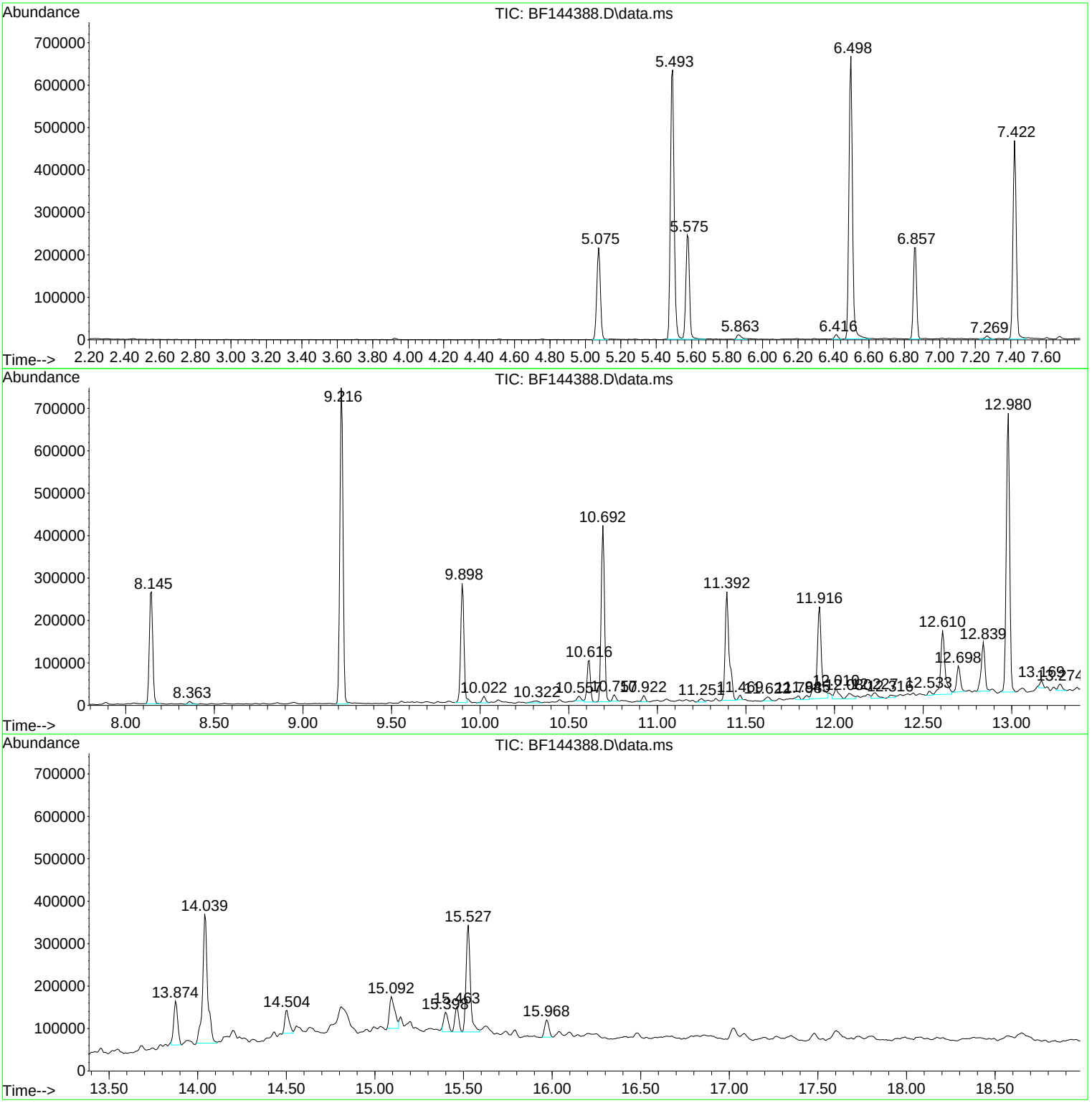
Sample : Q3719-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-16A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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_F\Data\BF120125\
Data File : BF144388.D
Acq On : 01 Dec 2025 15:45
Operator : RC/JU
Sample : Q3719-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-16A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

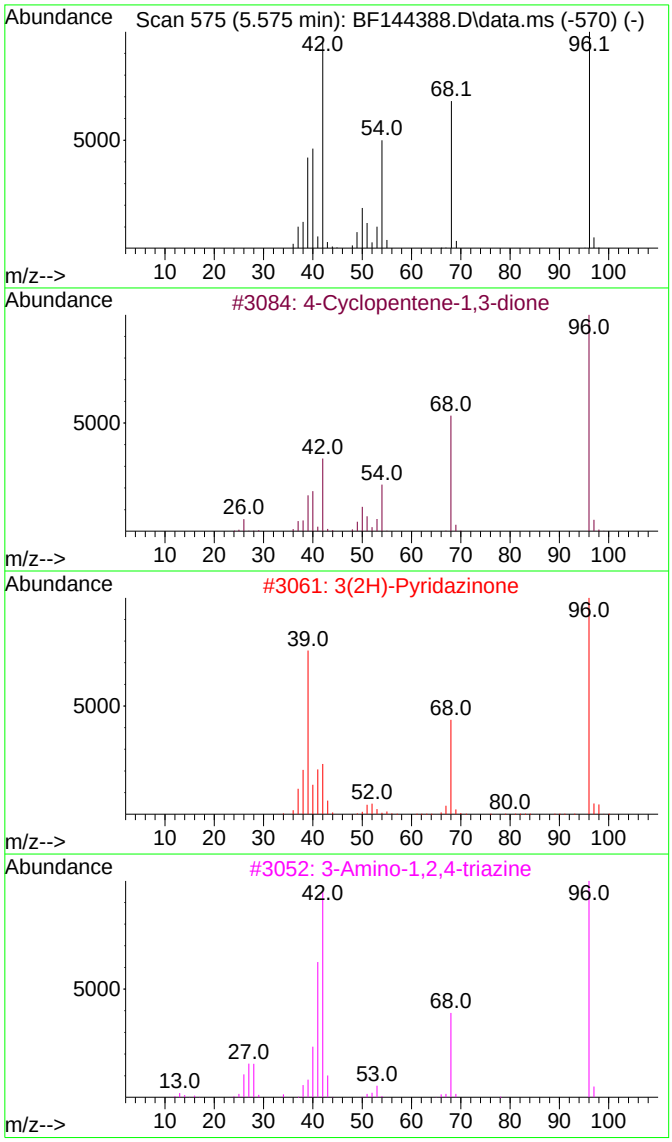
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

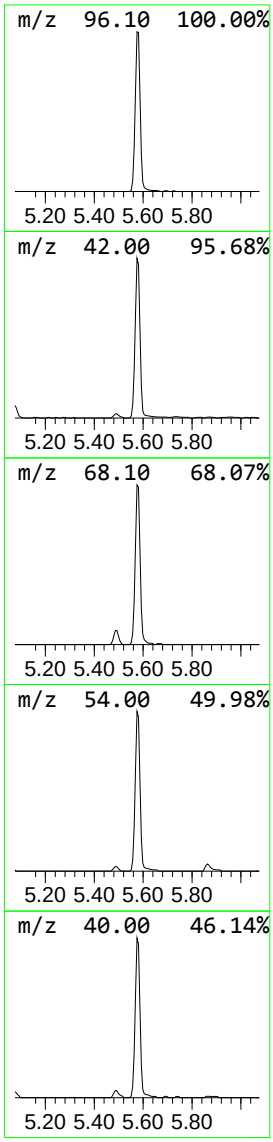
****

Peak Number 2 4-Cyclopentene-1,3-dione Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.575	24.59 ng	343121	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Cyclopentene-1,3-dione	96	C5H4O2	000930-60-9	93
2	3(2H)-Pyridazinone	96	C4H4N2O	000504-30-3	49
3	3-Amino-1,2,4-triazine	96	C3H4N4	001120-99-6	47
4	Pyrimidine, 4-hydroxy-	96	C4H4N2O	051953-18-5	38
5	5-Methyl-1H-pyrrol-2-amine	96	C5H8N2	1000436-81-3	38





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Data File : BF144388.D
Acq On : 01 Dec 2025 15:45
Operator : RC/JU
Sample : Q3719-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-16A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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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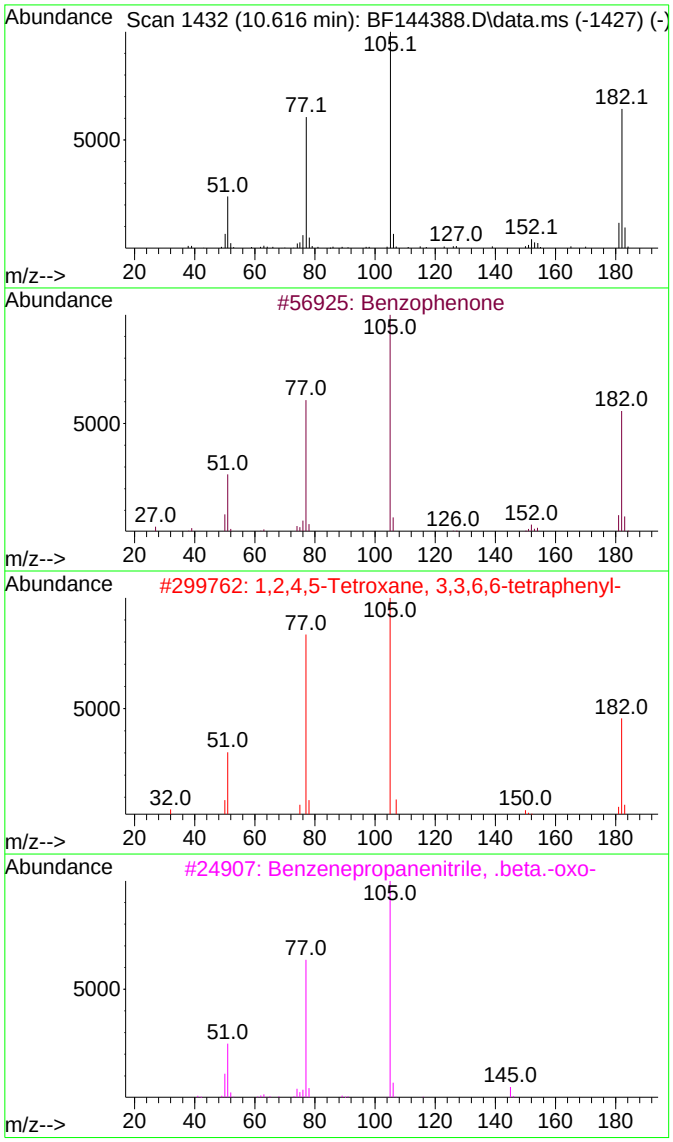
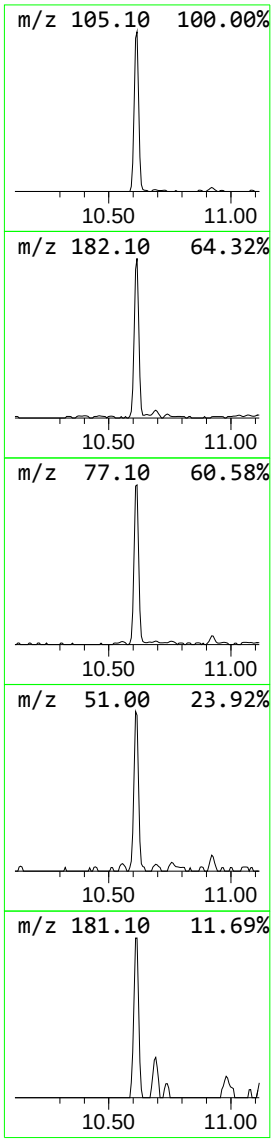
Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	7.16 ng	130428	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	43
4	1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	43
5	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144388.D
Acq On : 01 Dec 2025 15:45
Operator : RC/JU
Sample : Q3719-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-16A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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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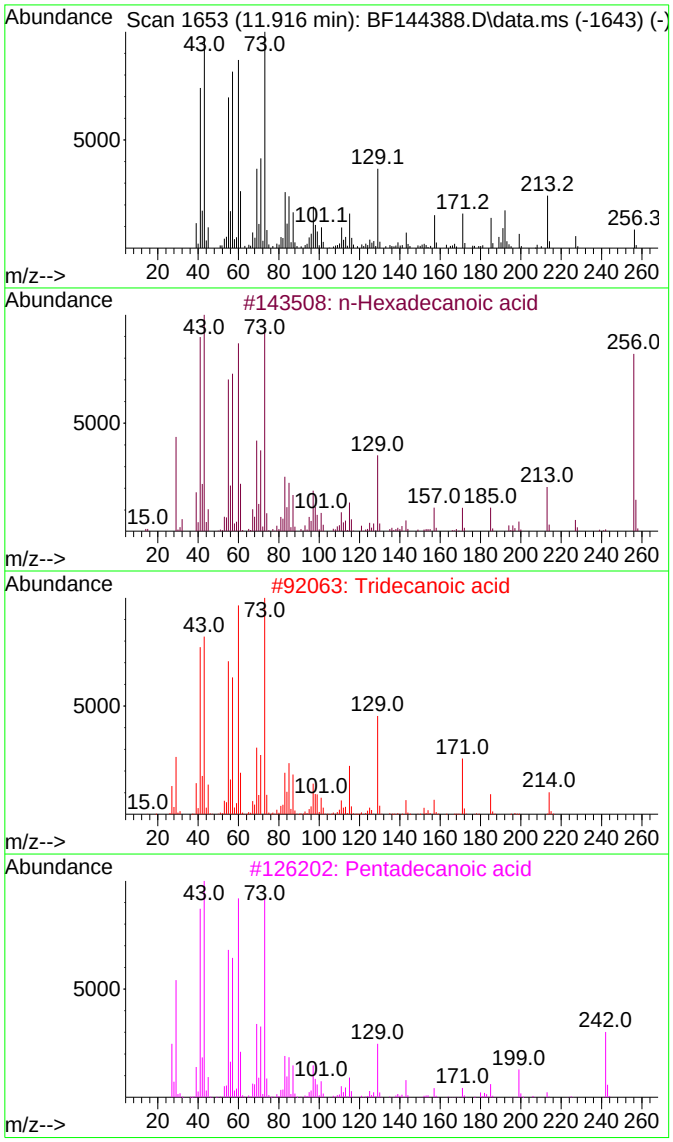
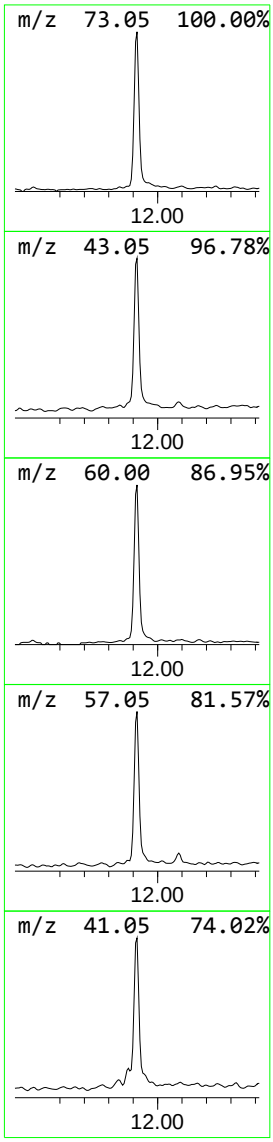
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	18.65 ng	380094	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Octanoic acid	144	C8H16O2	000124-07-2	45
5	Nonanoic acid	158	C9H18O2	000112-05-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144388.D
Acq On : 01 Dec 2025 15:45
Operator : RC/JU
Sample : Q3719-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-16A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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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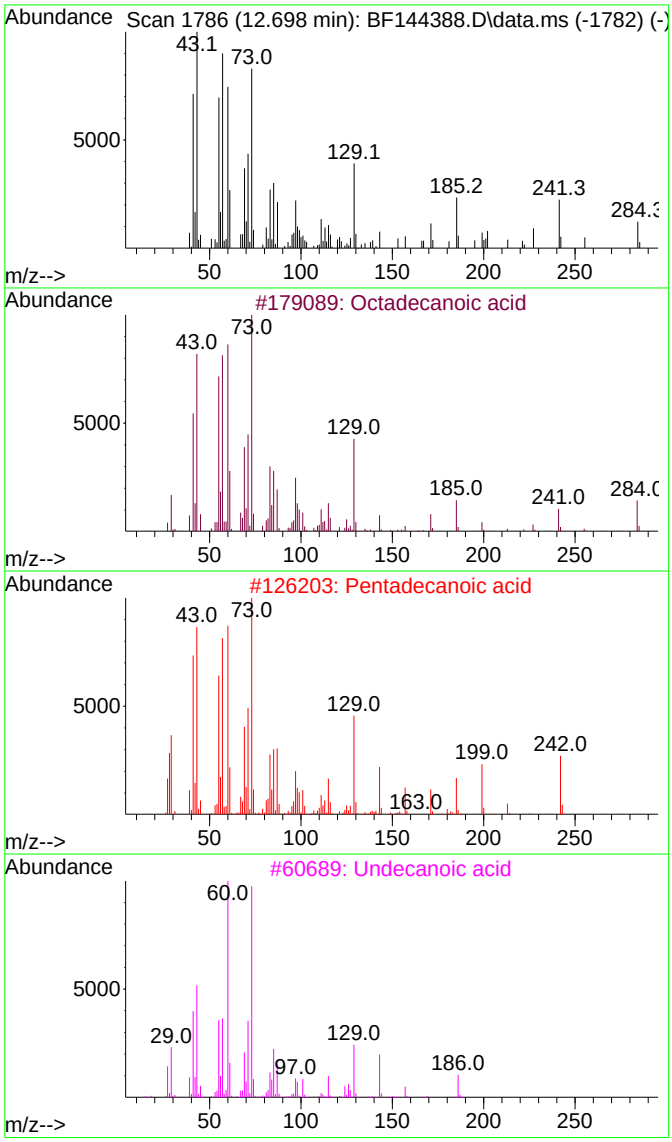
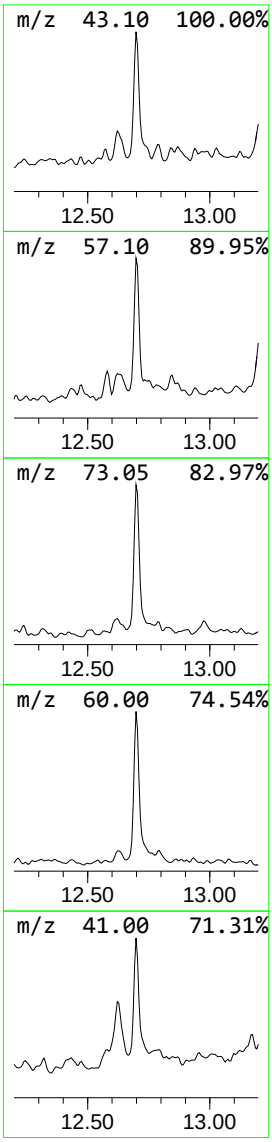
Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.698	4.19 ng	85347	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Undecanoic acid	186	C11H22O2	000112-37-8	62
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144388.D
Acq On : 01 Dec 2025 15:45
Operator : RC/JU
Sample : Q3719-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-16A

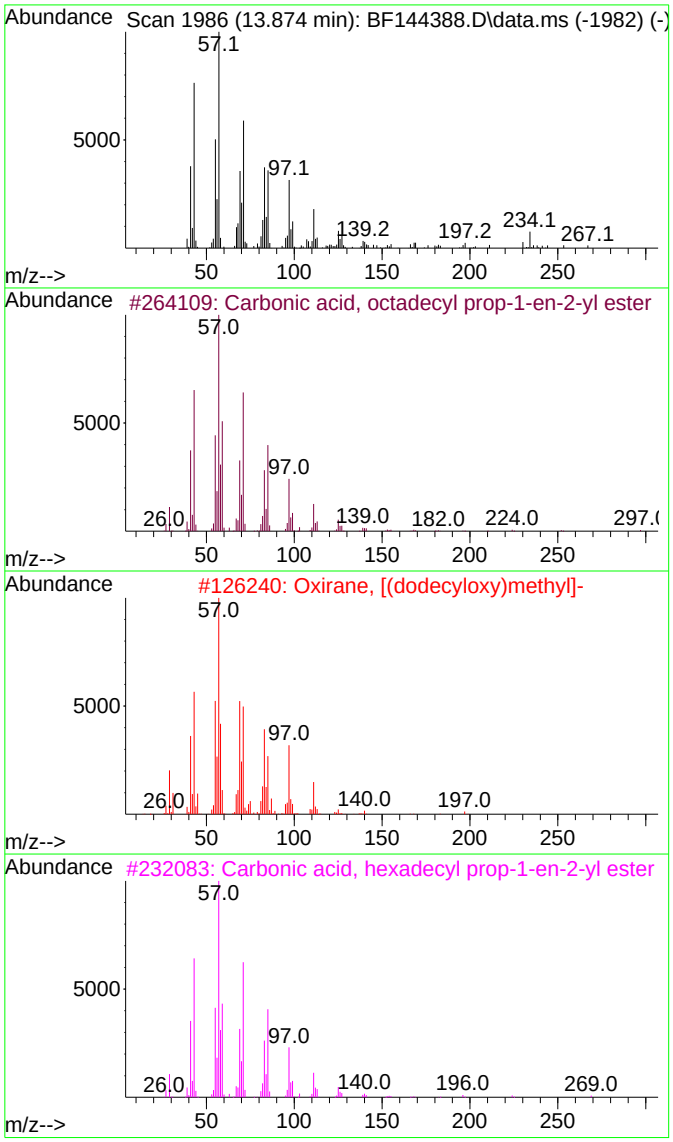
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

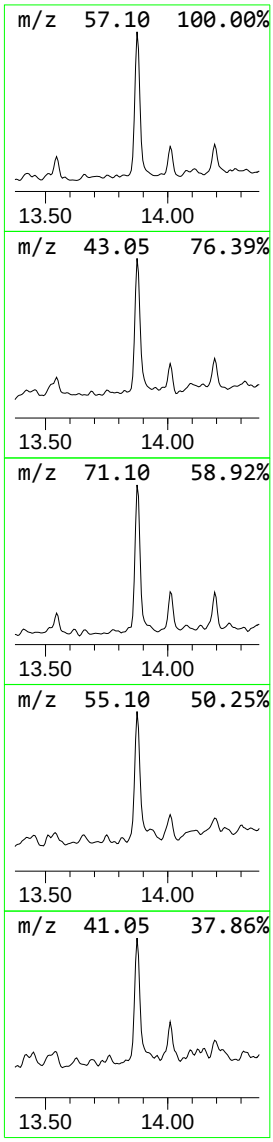
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Carbonic acid, octadecyl pr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	5.46 ng	161643	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91
2	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	91
3	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	91
4	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
5	1-Heptadecene	238	C17H34	006765-39-5	87





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Operator : RC/JU
Sample : Q3719-11
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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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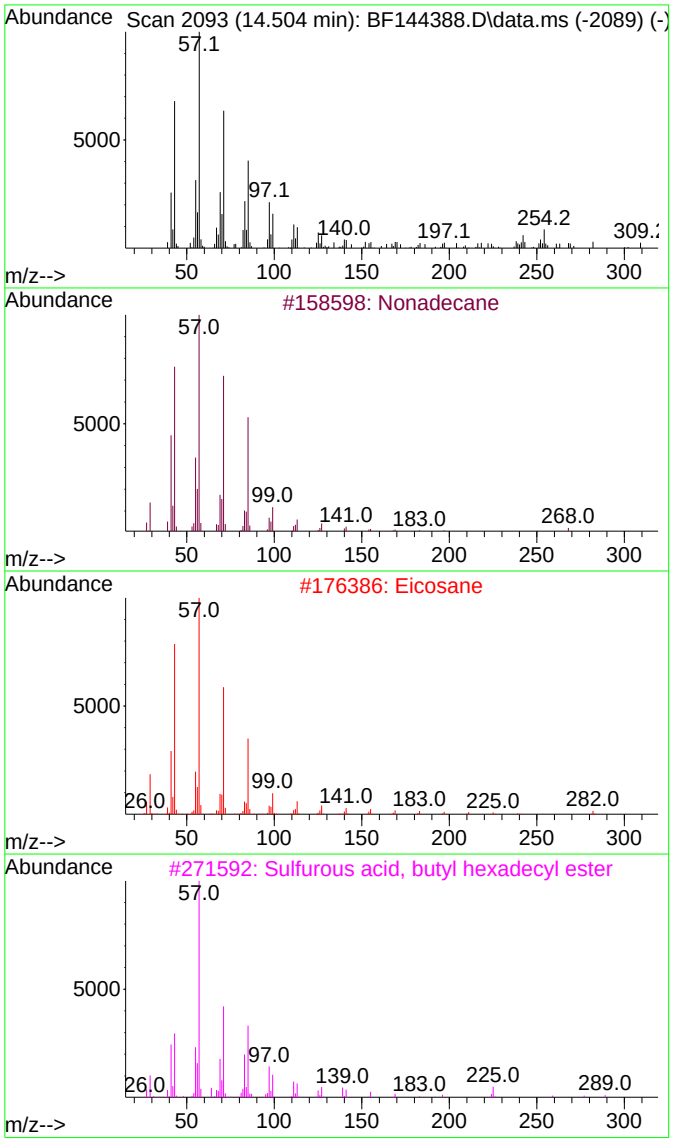
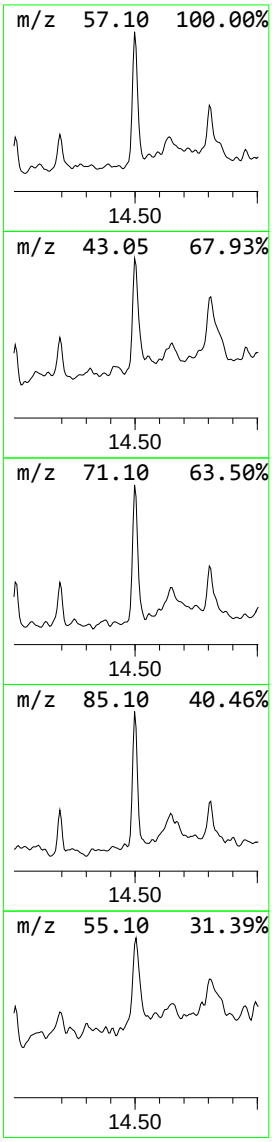
Peak Number 8 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.504	3.16 ng	93742	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Eicosane	282	C20H42	000112-95-8	92
3	Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	91
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
5	Sulfurous acid, butyl octadecyl ...	390	C22H46O3S	1000309-18-5	91





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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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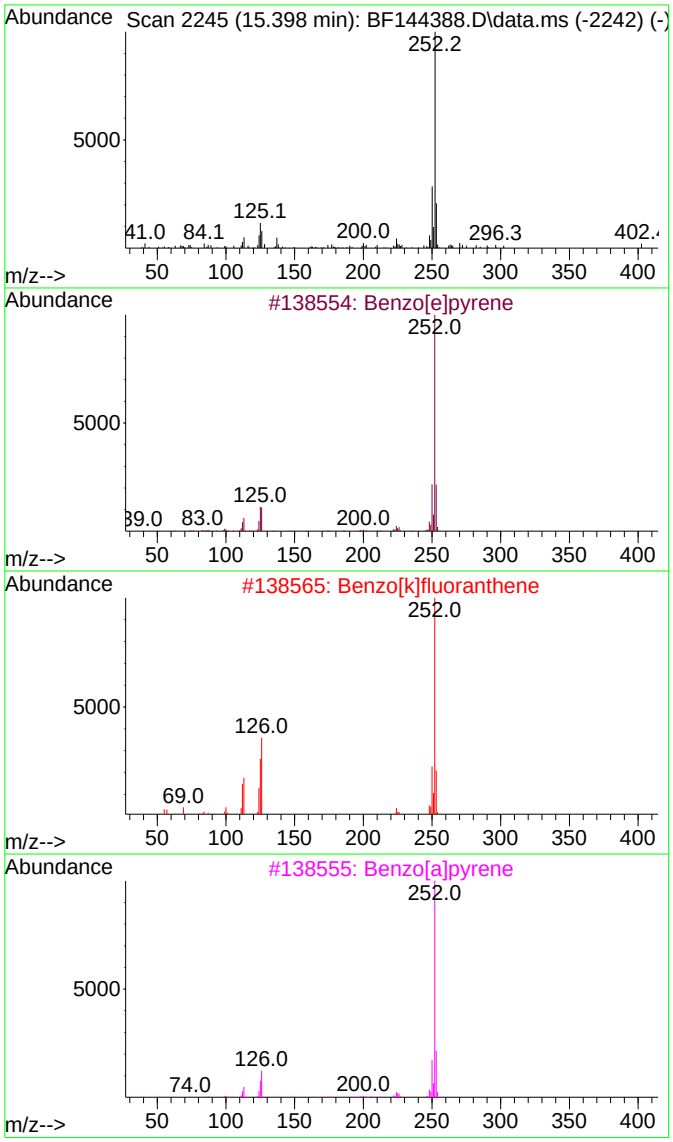
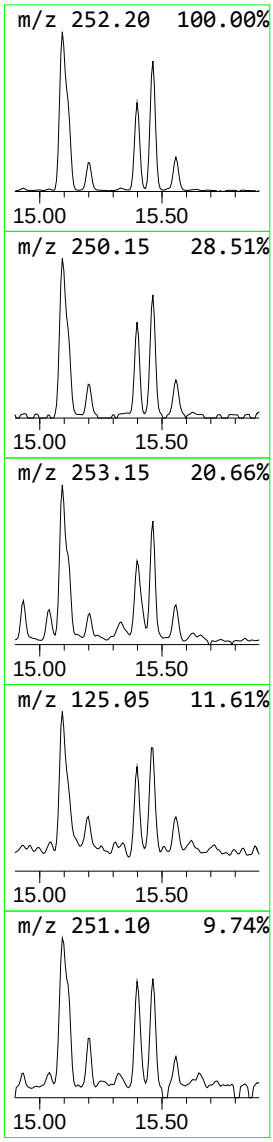
Peak Number 9 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	3.64 ng	76520	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144388.D
Acq On : 01 Dec 2025 15:45
Operator : RC/JU
Sample : Q3719-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-16A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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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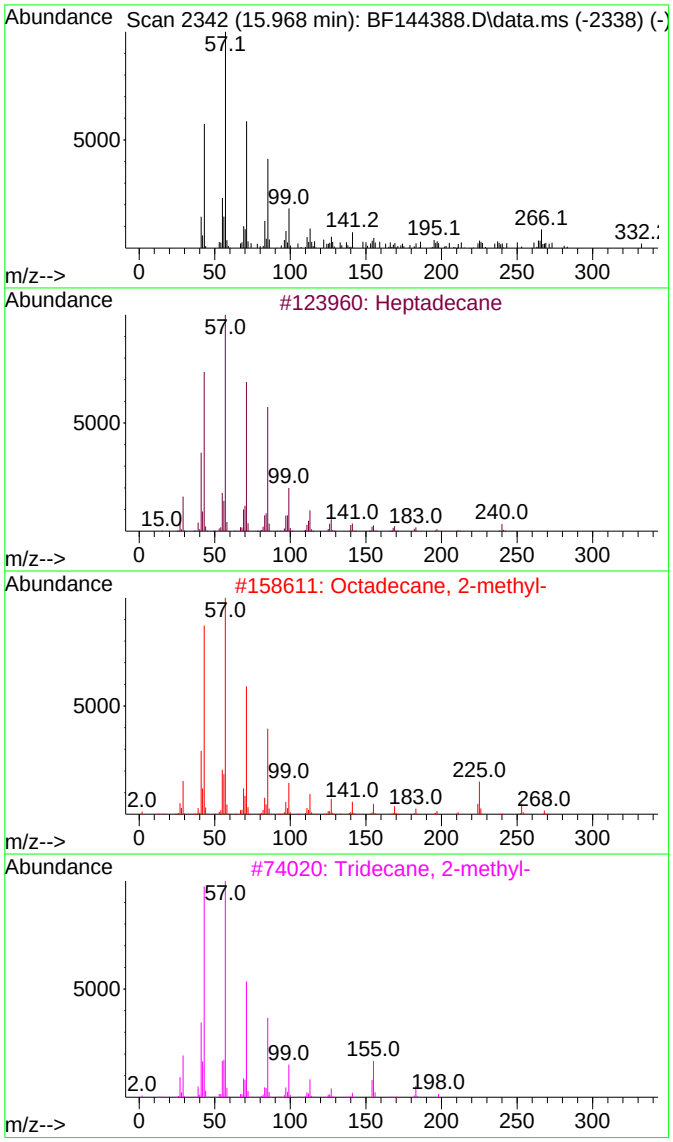
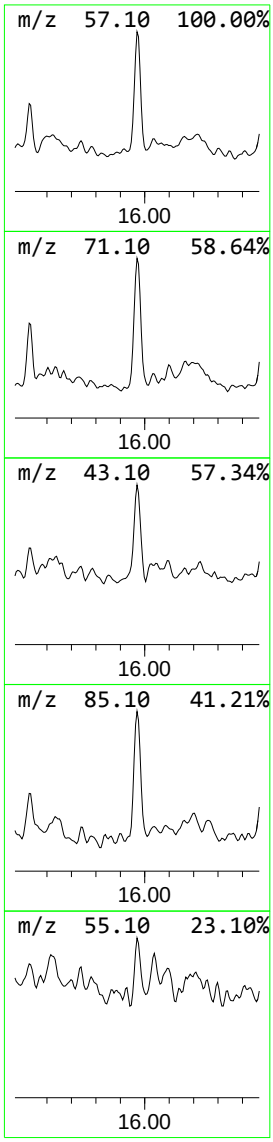
Peak Number 10 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.968	3.26 ng	68478	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	87
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Heptacosane	380	C27H56	000593-49-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144388.D
Acq On : 01 Dec 2025 15:45
Operator : RC/JU
Sample : Q3719-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-16A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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
4-Cyclopentene-...	5.575	24.6	ng	343121	1	6.863	279029	20.0
Benzophenone	10.616	7.2	ng	130428	3	9.898	364472	20.0
n-Hexadecanoic ...	11.916	18.6	ng	380094	4	11.392	407664	20.0
Octadecanoic acid	12.698	4.2	ng	85347	4	11.392	407664	20.0
Carbonic acid, ...	13.874	5.5	ng	161643	5	14.045	592481	20.0
Nonadecane	14.504	3.2	ng	93742	5	14.045	592481	20.0
Benzo[e]pyrene	15.398	3.6	ng	76520	6	15.527	420123	20.0
Heptadecane	15.968	3.3	ng	68478	6	15.527	420123	20.0