LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144371.D
Acq On : 26 Nov 2025 20:13
Operator : RC/JU
Sample : Q3719-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-15A

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: BF144371.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	502	rBV	188901	276701	29.77%	2.928%
2	5.487	554	560	585	rBV	619127	858698	92.38%	9.087%
3	6.492	726	731	750	rBV	633457	865244	93.08%	9.156%
4	6.863	789	794	801	rBV	247345	318407	34.25%	3.369%
5	7.422	884	889	902	rBV	420354	542946	58.41%	5.745%
6	8.145	1006	1012	1026	rVB	305864	404997	43.57%	4.286%
7	9.216	1189	1194	1205	rBV	732504	929530	100.00%	9.836%
8	9.898	1305	1310	1315	rBV	336762	426475	45.88%	4.513%
9	10.616	1427	1432	1440	rVB	92940	121877	13.11%	1.290%
10	10.692	1440	1445	1455	rBV	387865	504907	54.32%	5.343%
11	10.922	1480	1484	1491	rVB	14484	18685	2.01%	0.198%
12	11.392	1558	1564	1573	rBV2	281070	438578	47.18%	4.641%
13	11.469	1573	1577	1580	rVB	10855	13921	1.50%	0.147%
14	11.627	1597	1604	1609	rBV3	5806	10738	1.16%	0.114%
15	11.916	1643	1653	1665	rBV3	114359	208986	22.48%	2.211%
16	12.010	1665	1669	1677	rVB3	13715	27911	3.00%	0.295%
17	12.192	1692	1700	1702	rBV3	5844	10413	1.12%	0.110%
18	12.392	1728	1734	1740	rBV4	6399	13889	1.49%	0.147%
19	12.610	1766	1771	1780	rBV	99459	149144	16.05%	1.578%
20	12.698	1780	1786	1793	rBV4	24658	40987	4.41%	0.434%
21	12.839	1803	1810	1818	rBV	87582	134710	14.49%	1.425%
22	12.974	1825	1833	1842	rBV	545401	732518	78.81%	7.751%
23	13.057	1842	1847	1857	rBV5	8252	17842	1.92%	0.189%
24	13.168	1858	1866	1869	rBV3	15421	31513	3.39%	0.333%
25	13.268	1880	1883	1890	rVB3	10935	15996	1.72%	0.169%
26	13.545	1922	1930	1941	rBV7	14870	50191	5.40%	0.531%
27	13.680	1946	1953	1959	rBV	12982	30621	3.29%	0.324%
28	13.786	1967	1971	1974	rBV2	13526	20430	2.20%	0.216%
29	13.874	1982	1986	1997	rVB2	74779	134581	14.48%	1.424%
30	14.039	2004	2014	2027	rBV2	338448	640158	68.87%	6.774%
31	14.192	2036	2040	2047	rVB2	24839	34832	3.75%	0.369%
32	14.427	2076	2080	2084	rBV	18775	23403	2.52%	0.248%
33	14.498	2088	2092	2099	rVV2	41871	71694	7.71%	0.759%
34	14.633	2112	2115	2120	rVB5	12986	18613	2.00%	0.197%
35	14.804	2141	2144	2154	rVB	20483	29074	3.13%	0.308%
36	15.086	2187	2192	2199	rBV	73330	179545	19.32%	1.900%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144371.D
Acq On : 26 Nov 2025 20:13
Operator : RC/JU
Sample : Q3719-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-15A

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	15.145	2199	2202	2206	rVV	32379	47848	5.15%	0.506%
38	15.192	2207	2210	2214	rVB3	18552	30735	3.31%	0.325%
39	15.392	2240	2244	2250	rBV	36312	61138	6.58%	0.647%
40	15.457	2251	2255	2260	rVV	48433	74411	8.01%	0.787%
41	15.521	2260	2266	2281	rVB	332009	544018	58.53%	5.757%
42	15.733	2298	2302	2307	rVB2	29098	44986	4.84%	0.476%
43	15.968	2337	2342	2348	rVB	43501	73056	7.86%	0.773%
44	16.039	2349	2354	2359	rBV7	13499	31215	3.36%	0.330%
45	16.480	2424	2429	2440	rVB	25291	55904	6.01%	0.592%
46	17.015	2516	2520	2525	rBV2	14843	29624	3.19%	0.313%
47	17.086	2527	2532	2542	rVB3	23474	54696	5.88%	0.579%
48	17.609	2615	2621	2633	rVB3	16458	53857	5.79%	0.570%

Sum of corrected areas: 9450243

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
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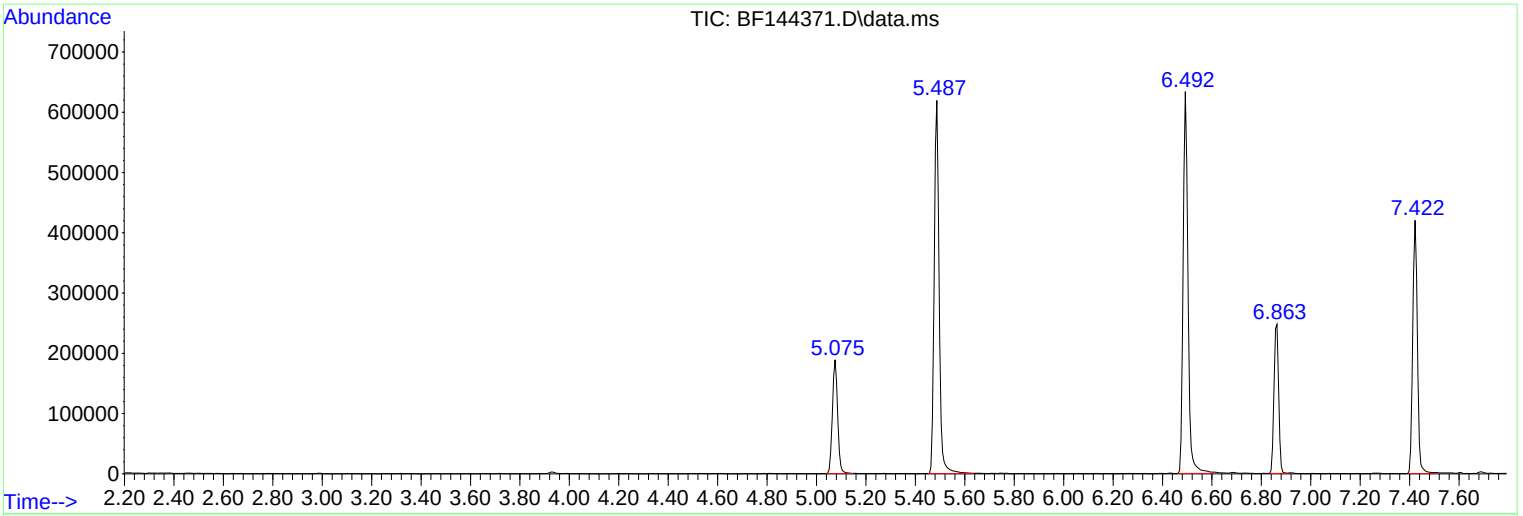
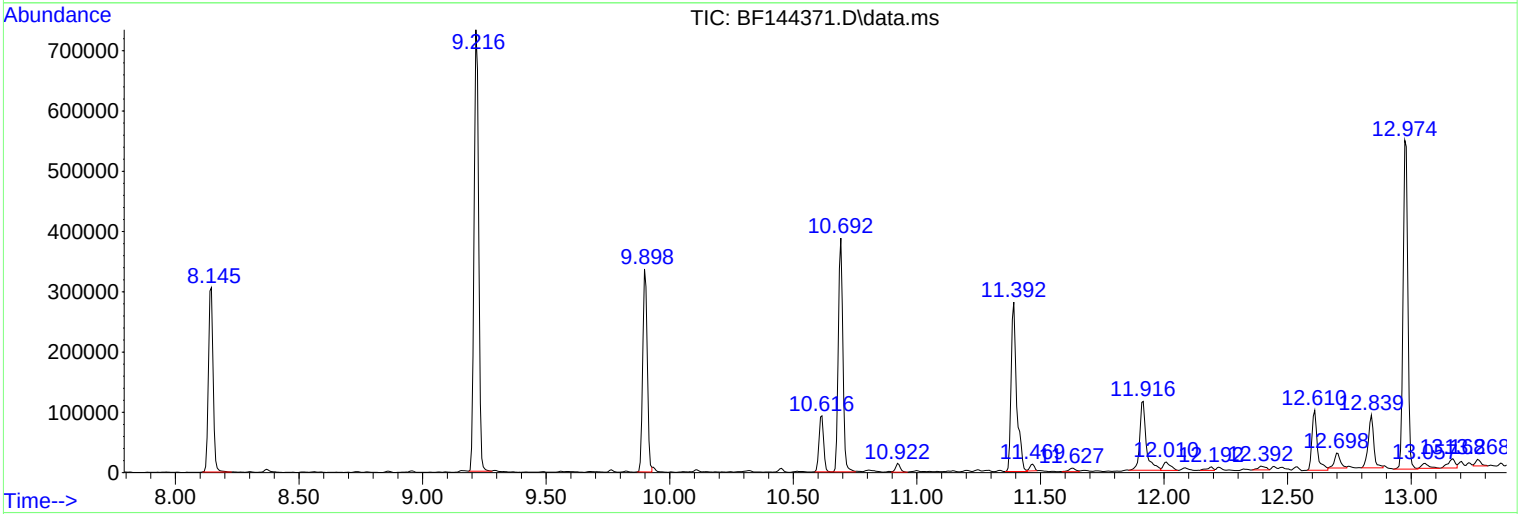
Misc :
ALS Vial : 15 Sample Multiplier: 1

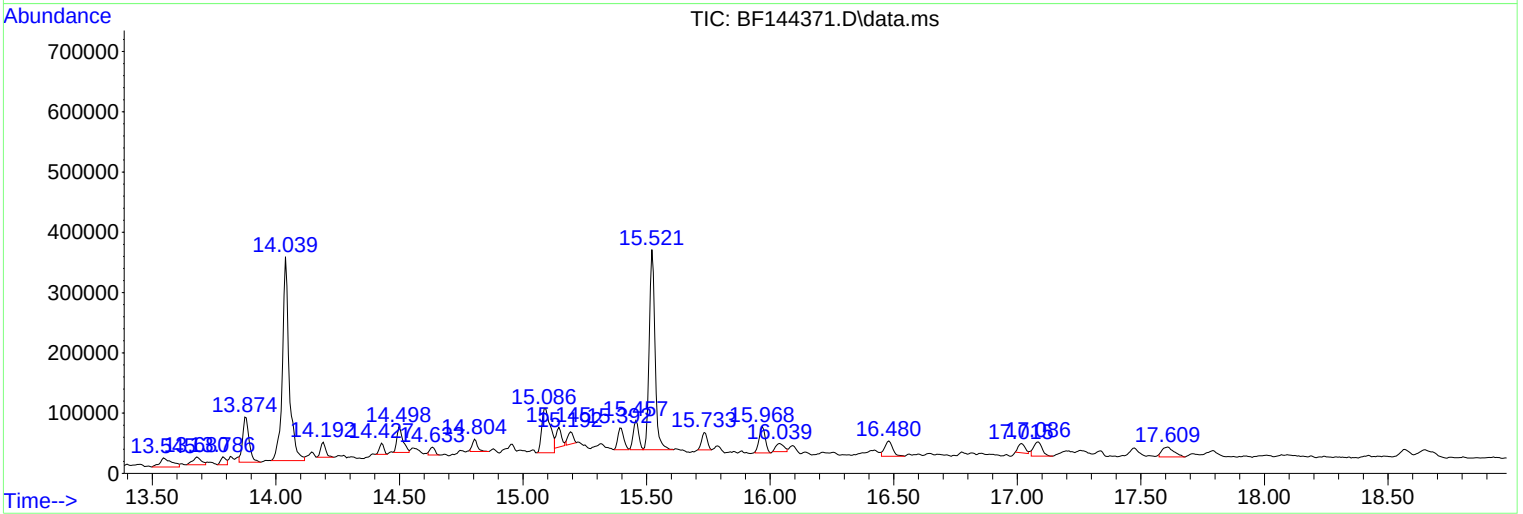
Instrument :
BNA_F
ClientSampleId :
SB-1125-15A

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\BF112625\
Data File : BF144371.D
Acq On : 26 Nov 2025 20:13
Operator : RC/JU
Sample : Q3719-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-15A

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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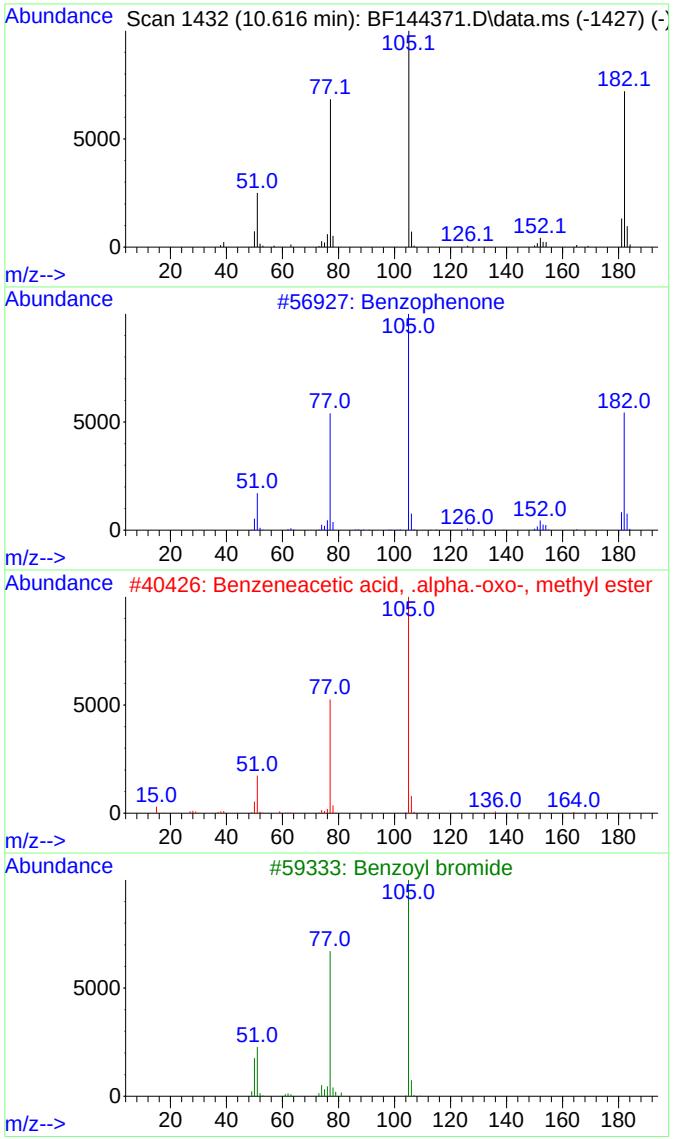
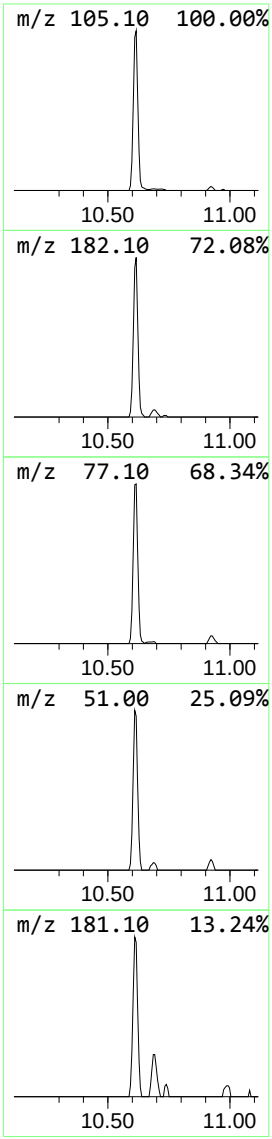
Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	5.72 ng	121877	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	43
3	Benzoyl bromide	184	C7H5BrO	000618-32-6	43
4	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	43
5	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144371.D
Acq On : 26 Nov 2025 20:13
Operator : RC/JU
Sample : Q3719-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-15A

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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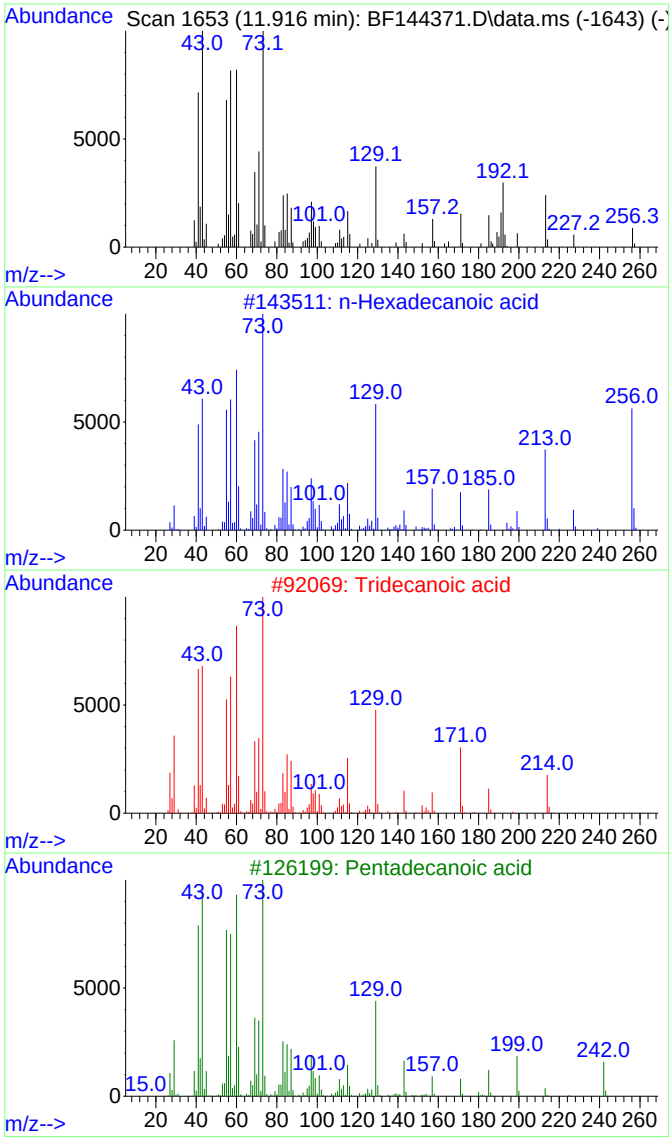
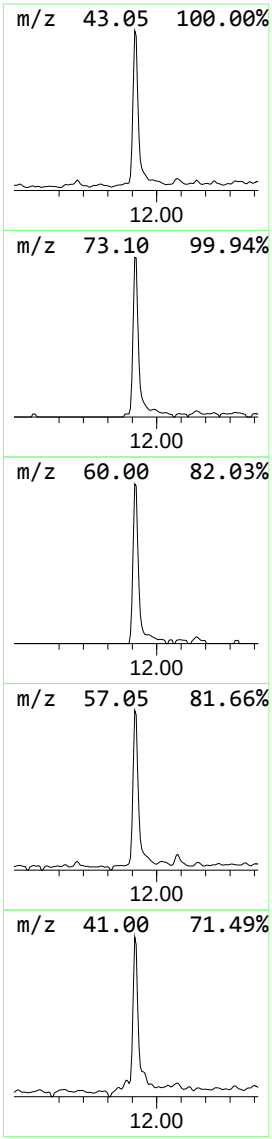
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	9.53 ng	208986	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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
4	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	49
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144371.D
Acq On : 26 Nov 2025 20:13
Operator : RC/JU
Sample : Q3719-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-15A

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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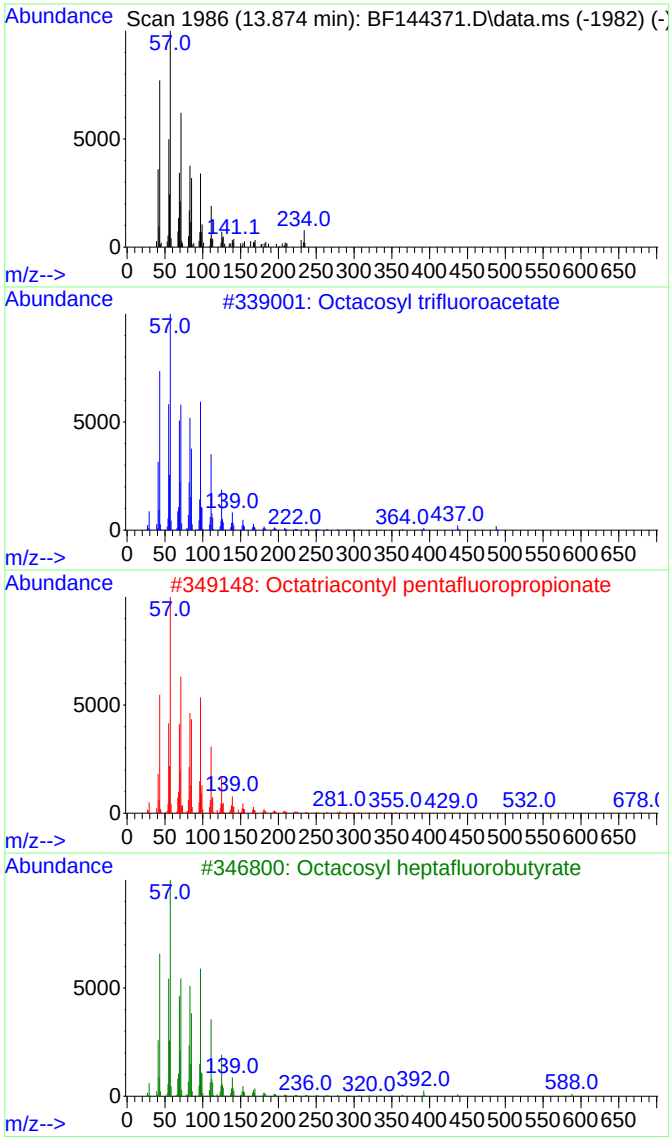
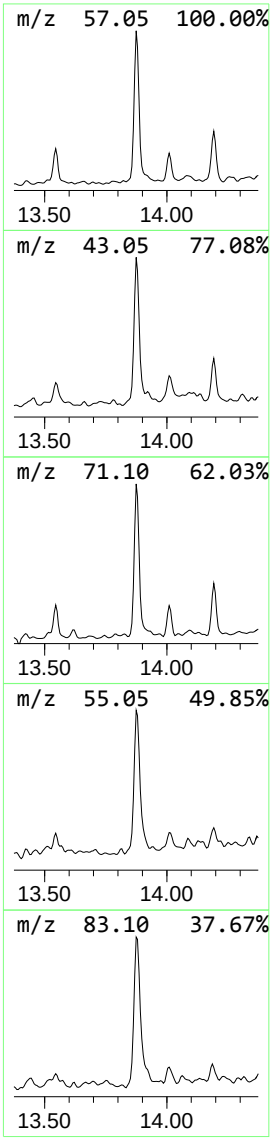
Peak Number 4 Octacosyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	4.20 ng	134581	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
2	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	91
3	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1010351-83-6	91
4	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	90
5	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
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Operator : RC/JU
Sample : Q3719-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-15A

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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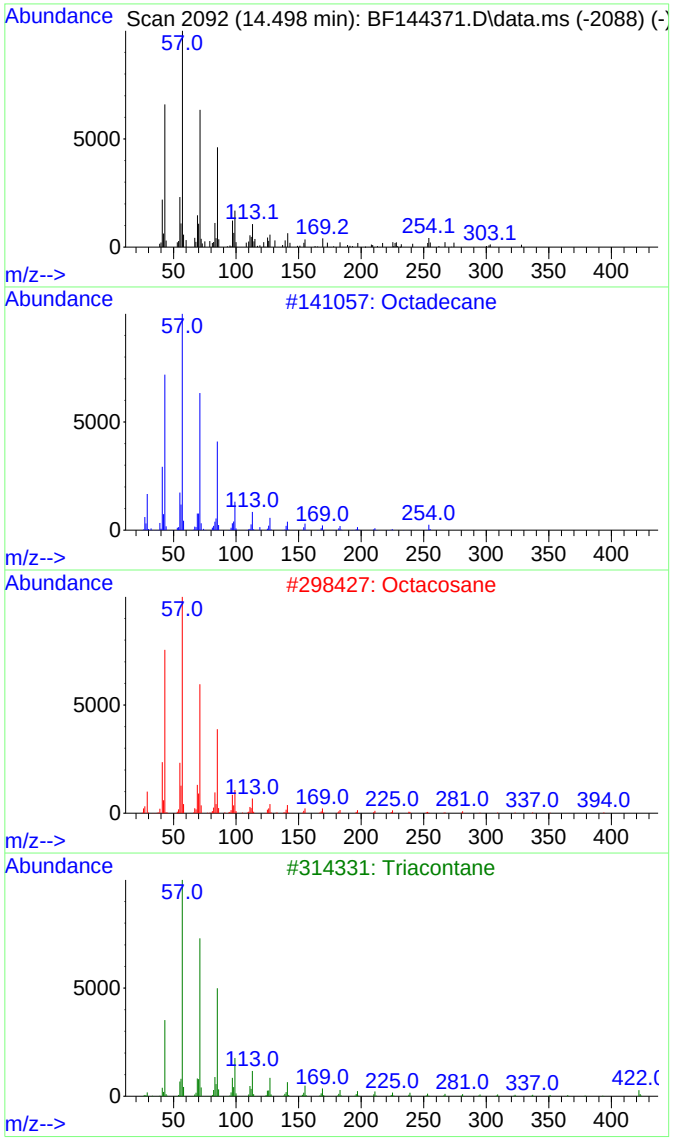
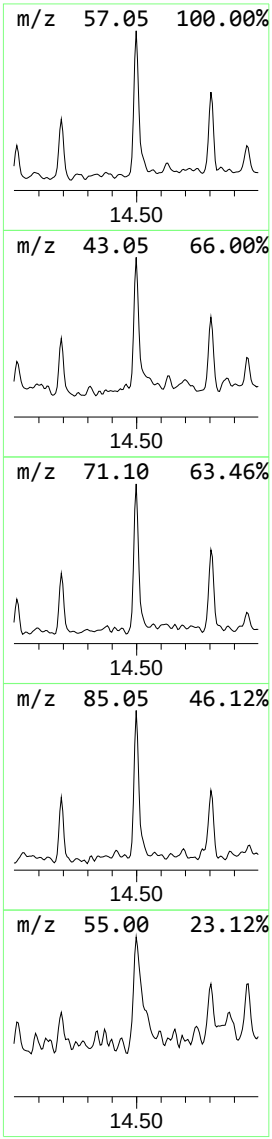
Peak Number 5 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.498	2.24 ng	71694	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Octacosane	394	C28H58	000630-02-4	90
3	Triacontane	422	C30H62	000638-68-6	87
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	87
5	4-Methylheneicosane	310	C22H46	025117-29-7	87





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Instrument :
BNA_F
ClientSampleId :
SB-1125-15A

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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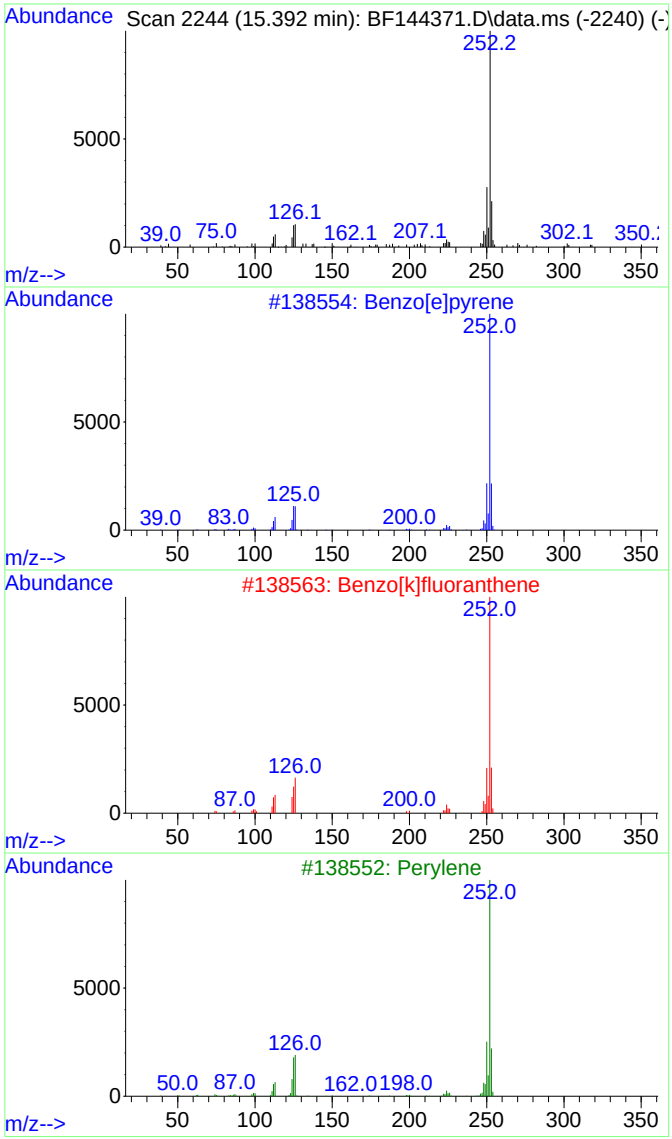
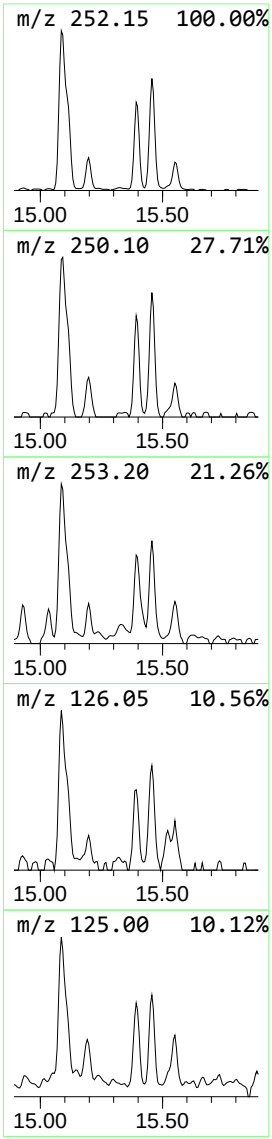
Peak Number 6 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.392	2.25 ng	61138	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





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Data File : BF144371.D
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Operator : RC/JU
Sample : Q3719-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-15A

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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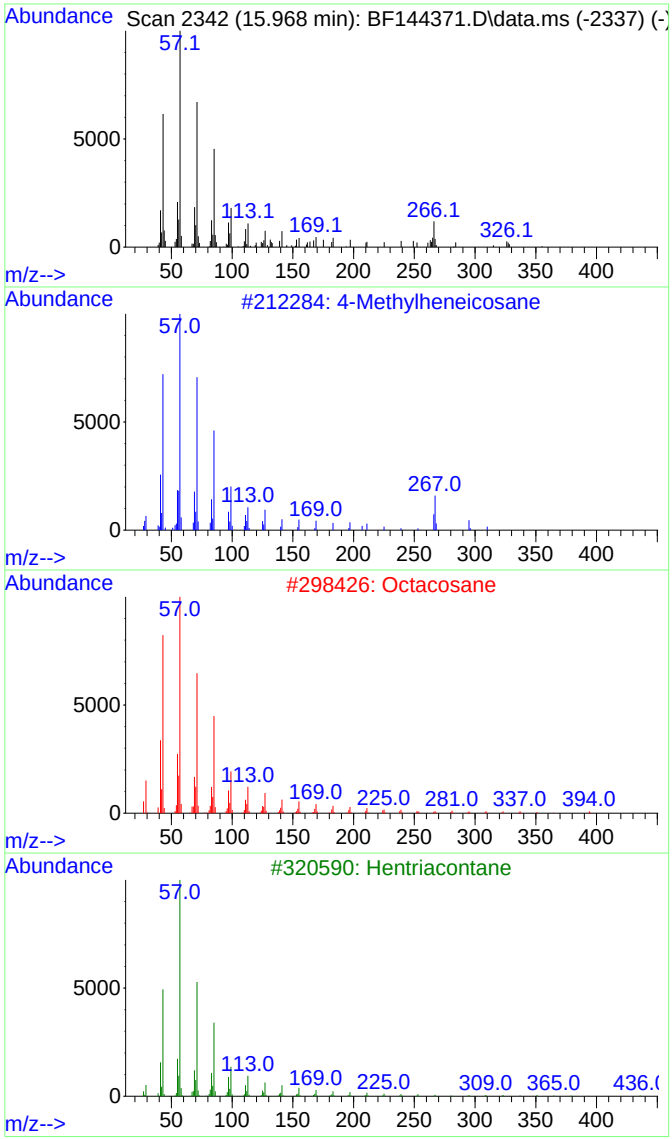
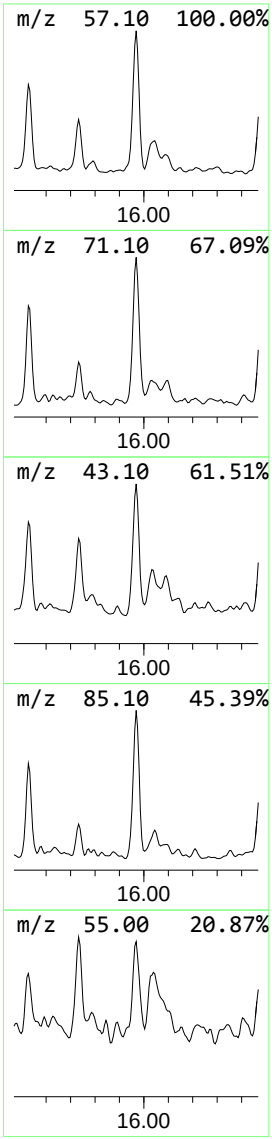
Peak Number 7 4-Methylheneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.968	2.69 ng	73056	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylheneicosane	310	C22H46	025117-29-7	90
2	Octacosane	394	C28H58	000630-02-4	87
3	Hentriacontane	437	C31H64	000630-04-6	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Hexacosane	366	C26H54	000630-01-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144371.D
Acq On : 26 Nov 2025 20:13
Operator : RC/JU
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Misc :
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Instrument :
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	10.616	5.7	ng	121877	3	9.898	426475	20.0
n-Hexadecanoic ...	11.916	9.5	ng	208986	4	11.392	438578	20.0
Octacosyl trifl...	13.874	4.2	ng	134581	5	14.039	640158	20.0
Octadecane	14.498	2.2	ng	71694	5	14.039	640158	20.0
Benzo[e]pyrene	15.392	2.3	ng	61138	6	15.521	544018	20.0
4-Methylheneico...	15.968	2.7	ng	73056	6	15.521	544018	20.0