LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144363.D
Acq On : 26 Nov 2025 16:11
Operator : RC/JU
Sample : Q3719-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-10A

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: BF144363.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	503	rVB	222854	324256	30.52%	3.265%
2	5.487	555	560	578	rVB	692279	949074	89.34%	9.556%
3	5.769	604	608	613	rBB	11241	14562	1.37%	0.147%
4	6.110	660	666	672	rBV4	7493	12834	1.21%	0.129%
5	6.493	726	731	745	rBV	731262	991376	93.32%	9.982%
6	6.692	760	765	772	rVB2	22282	30163	2.84%	0.304%
7	6.863	788	794	800	rBV	247209	322301	30.34%	3.245%
8	7.422	878	889	899	rBV	501413	670621	63.13%	6.752%
9	7.663	926	930	940	rVB6	5446	14378	1.35%	0.145%
10	8.139	1002	1011	1019	rBV	312022	439447	41.37%	4.425%
11	9.216	1189	1194	1203	rBV	839451	1062346	100.00%	10.696%
12	9.898	1305	1310	1315	rBV	366511	459943	43.30%	4.631%
13	10.616	1426	1432	1440	rBV	91800	121469	11.43%	1.223%
14	10.692	1440	1445	1455	rVV	521258	672694	63.32%	6.773%
15	11.392	1559	1564	1572	rBV2	335495	508783	47.89%	5.123%
16	11.469	1572	1577	1580	rBV	10569	12582	1.18%	0.127%
17	11.633	1597	1605	1610	rBV2	5516	11007	1.04%	0.111%
18	11.839	1636	1640	1645	rBV3	30541	56222	5.29%	0.566%
19	11.916	1647	1653	1661	rVV3	155351	263351	24.79%	2.652%
20	12.010	1665	1669	1678	rVB3	21117	43677	4.11%	0.440%
21	12.610	1766	1771	1775	rBV	109831	146197	13.76%	1.472%
22	12.698	1782	1786	1794	rBV2	21990	35212	3.31%	0.355%
23	12.839	1803	1810	1816	rBV	94619	137031	12.90%	1.380%
24	12.980	1828	1834	1842	rVB	609352	814206	76.64%	8.198%
25	13.057	1842	1847	1853	rBV4	10075	17429	1.64%	0.175%
26	13.116	1853	1857	1860	rBV	14354	20196	1.90%	0.203%
27	13.169	1860	1866	1874	rVV2	15173	31296	2.95%	0.315%
28	13.233	1874	1877	1880	rVV	8036	10972	1.03%	0.110%
29	13.269	1880	1883	1890	rVB3	13600	19672	1.85%	0.198%
30	13.363	1896	1899	1902	rBV2	9441	12524	1.18%	0.126%
31	13.451	1911	1914	1918	rVB2	10702	12326	1.16%	0.124%
32	13.680	1946	1953	1958	rBV	13178	27369	2.58%	0.276%
33	13.792	1968	1972	1974	rBV	10056	14041	1.32%	0.141%
34	13.874	1982	1986	1995	rVB4	52416	99338	9.35%	1.000%
35	14.039	2006	2014	2026	rBV2	307332	550067	51.78%	5.538%
36	14.192	2037	2040	2046	rBV6	8550	16627	1.57%	0.167%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144363.D
Acq On : 26 Nov 2025 16:11
Operator : RC/JU
Sample : Q3719-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-10A

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	14.427	2077	2080	2084	rBV	13505	15712	1.48%	0.158%
38	14.521	2090	2096	2099	rBV6	17256	36043	3.39%	0.363%
39	14.880	2153	2157	2161	rVB	32384	43595	4.10%	0.439%
40	15.092	2188	2193	2200	rBV	63902	139681	13.15%	1.406%
41	15.392	2240	2244	2251	rVB	36271	59098	5.56%	0.595%
42	15.457	2251	2255	2260	rVV	55570	87055	8.19%	0.877%
43	15.521	2260	2266	2281	rVB	280565	484933	45.65%	4.883%
44	15.968	2338	2342	2347	rVB2	23624	40277	3.79%	0.406%
45	16.480	2425	2429	2435	rVB	17509	32863	3.09%	0.331%
46	17.021	2516	2521	2527	rBV2	24857	47006	4.42%	0.473%

Sum of corrected areas: 9931852

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
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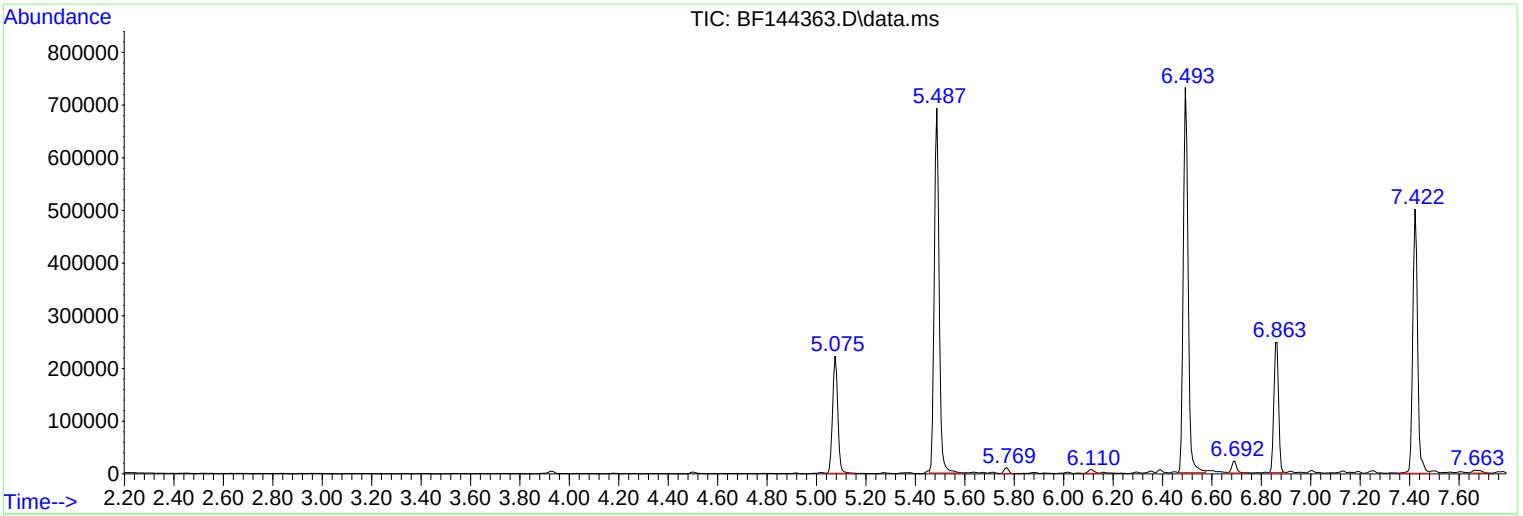
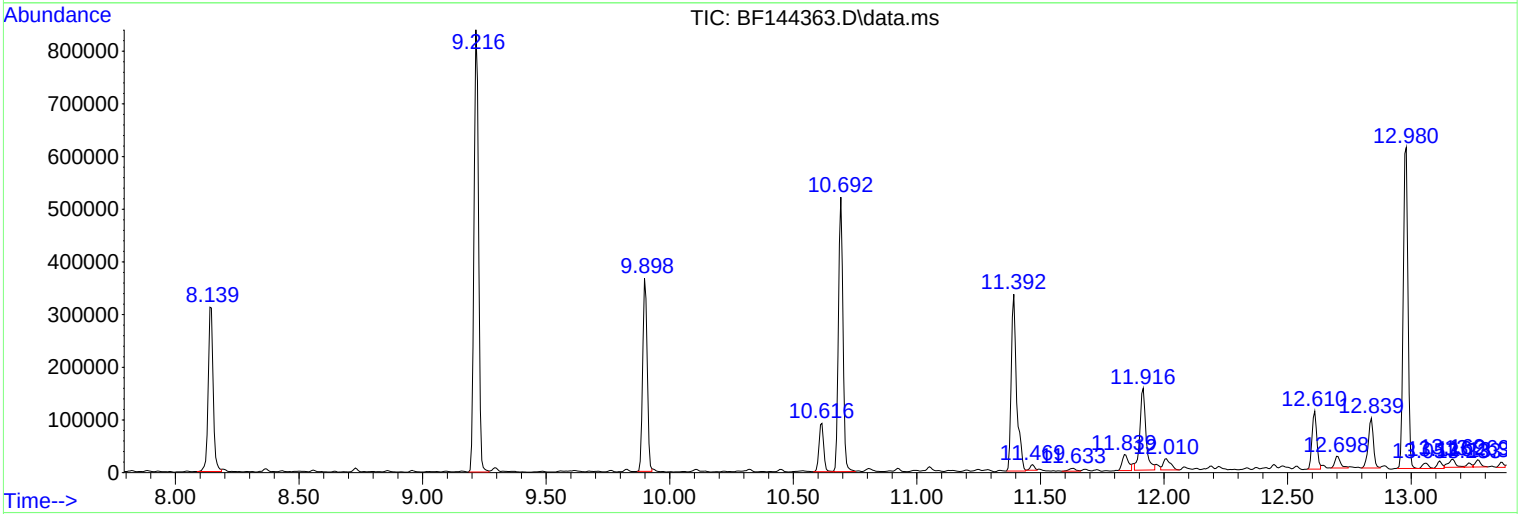
Operator : RC/JU
Sample : Q3719-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

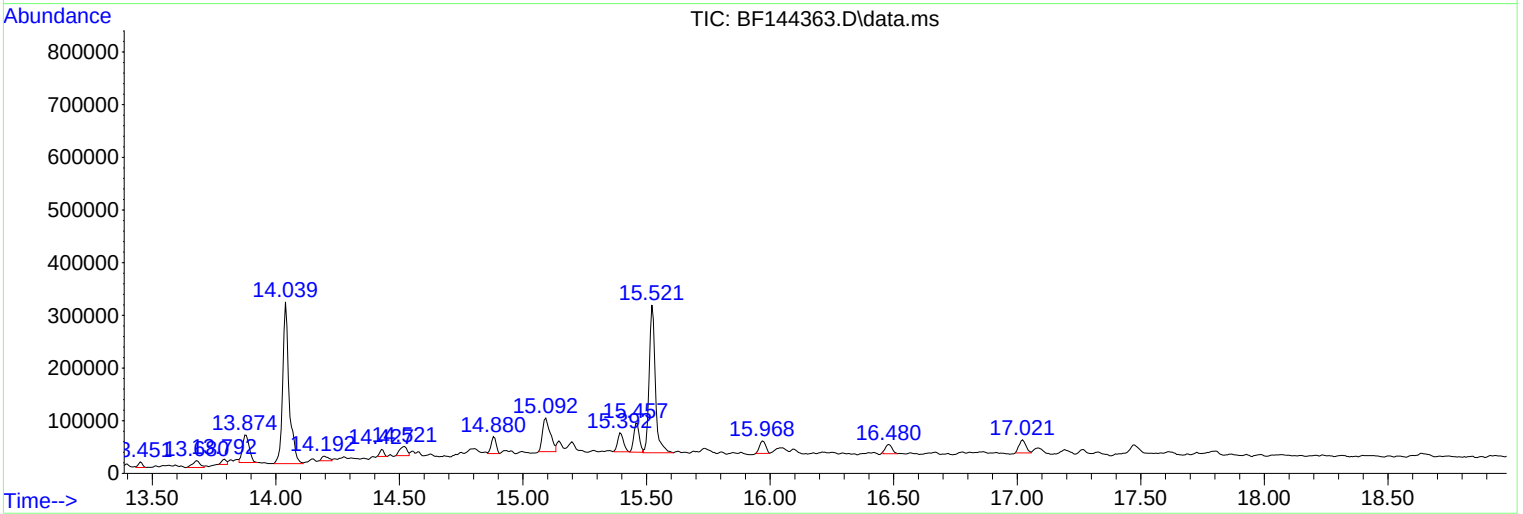
Instrument :
BNA_F
ClientSampleId :
SB-1125-10A

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 : BF144363.D
Acq On : 26 Nov 2025 16:11
Operator : RC/JU
Sample : Q3719-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-10A

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

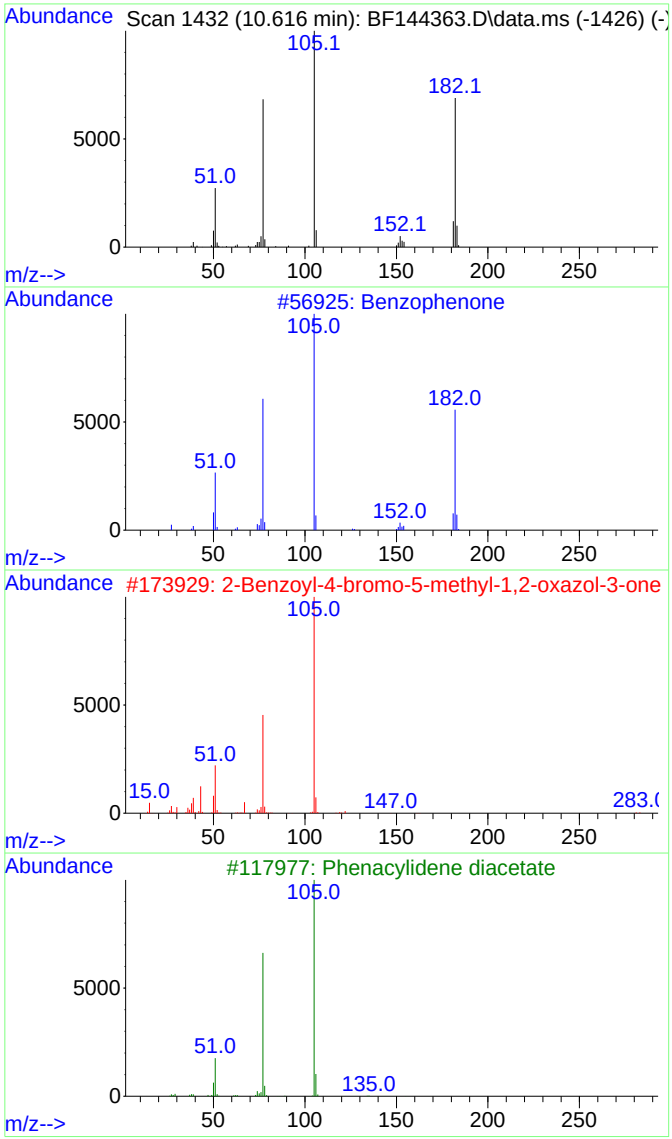
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

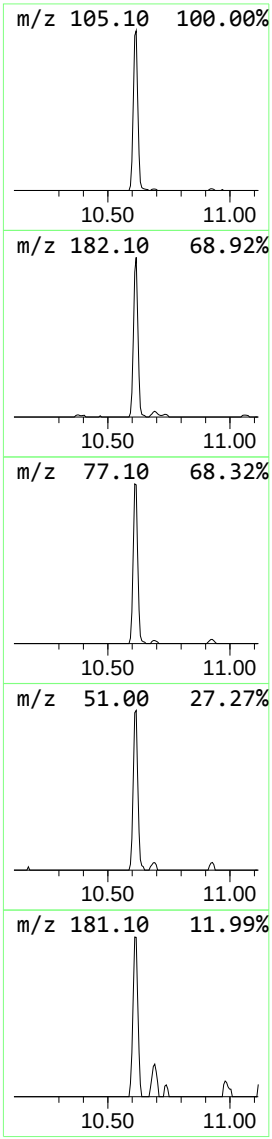
****

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	5.28 ng	121469	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	43
3	Phenacylidene diacetate	236	C12H12O5	005062-30-6	43
4	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	43
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144363.D
Acq On : 26 Nov 2025 16:11
Operator : RC/JU
Sample : Q3719-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-10A

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

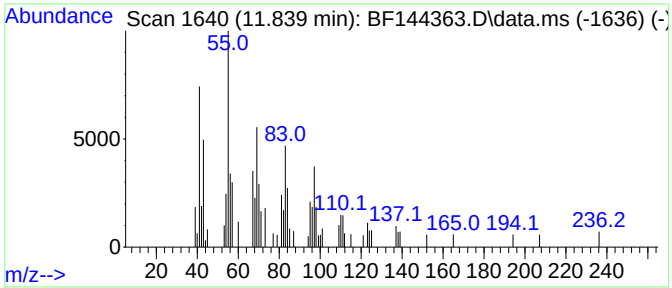
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

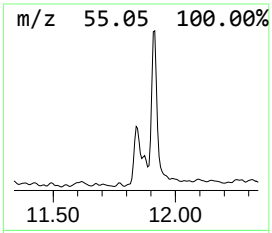
****

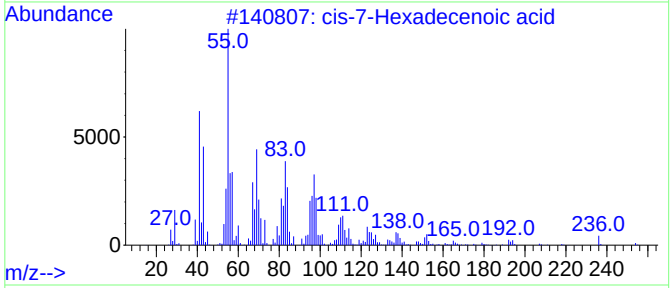
Peak Number 3 cis-7-Hexadecenoic acid Concentration Rank 6

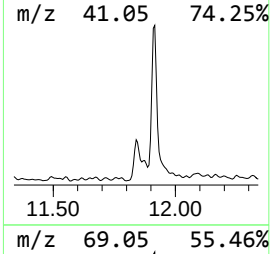
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	2.21 ng	56222	Phenanthrene-d10	11.392

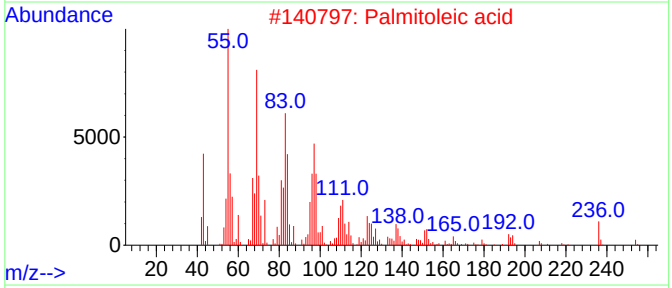
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	87
2	Palmitoleic acid	254	C16H30O2	000373-49-9	83
3	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	78
4	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	74
5	Myristoleic acid	226	C14H26O2	000544-64-9	72

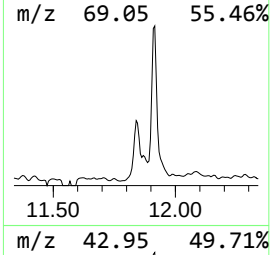


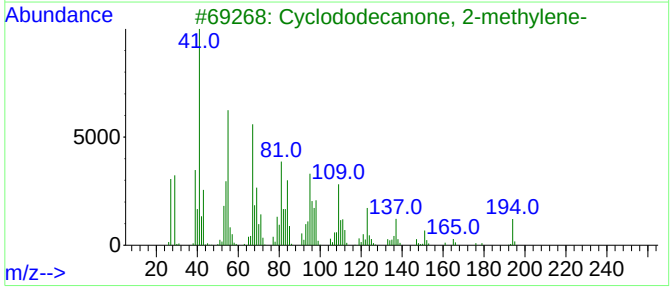


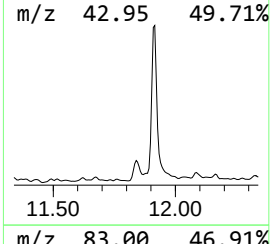


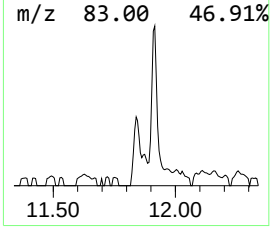












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144363.D
Acq On : 26 Nov 2025 16:11
Operator : RC/JU
Sample : Q3719-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-10A

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

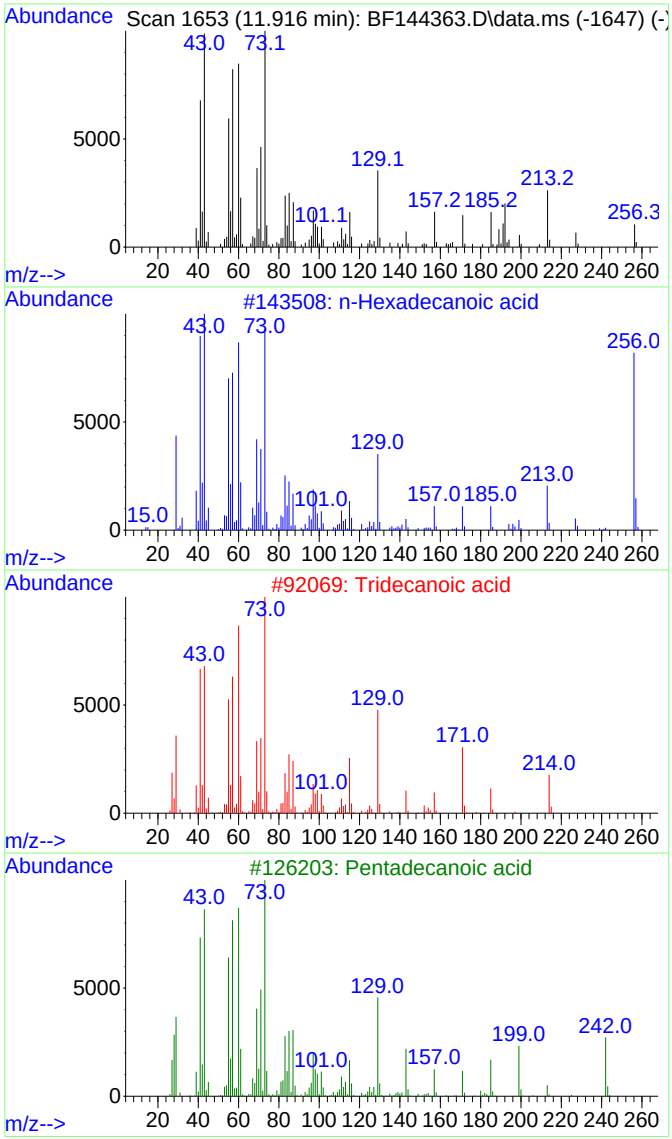
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

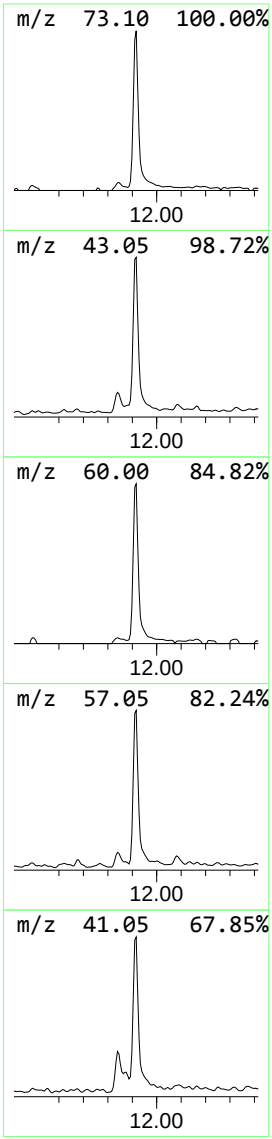
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	10.35 ng	263351	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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5	Nonanoic acid	158	C9H18O2	000112-05-0	43





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Data File : BF144363.D
Acq On : 26 Nov 2025 16:11
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-10A

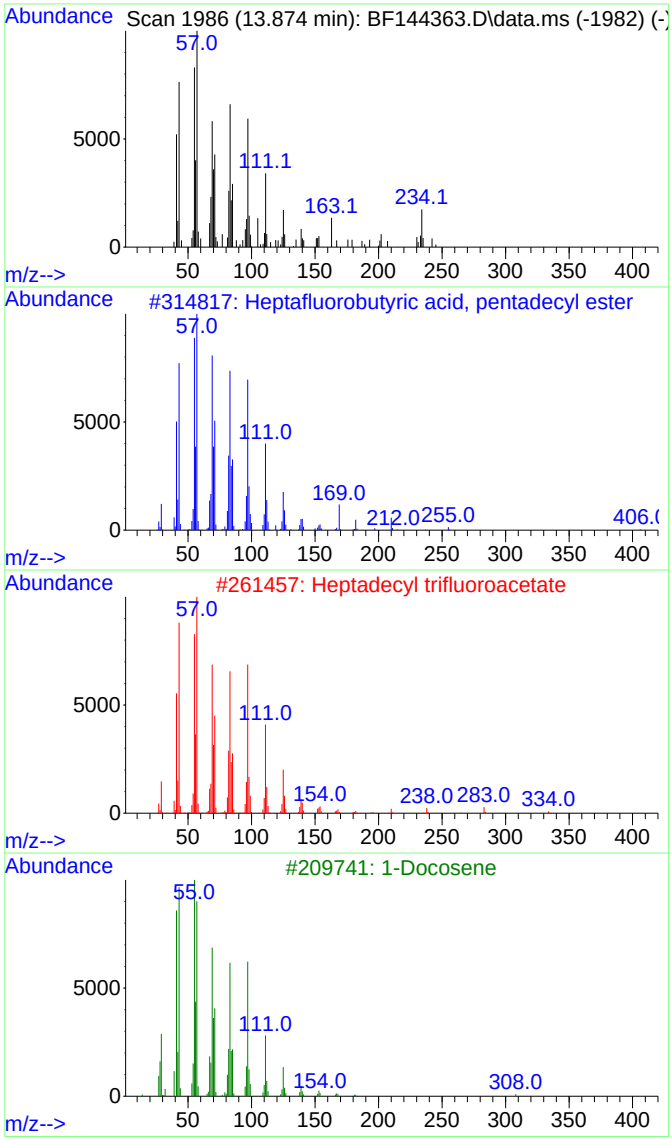
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

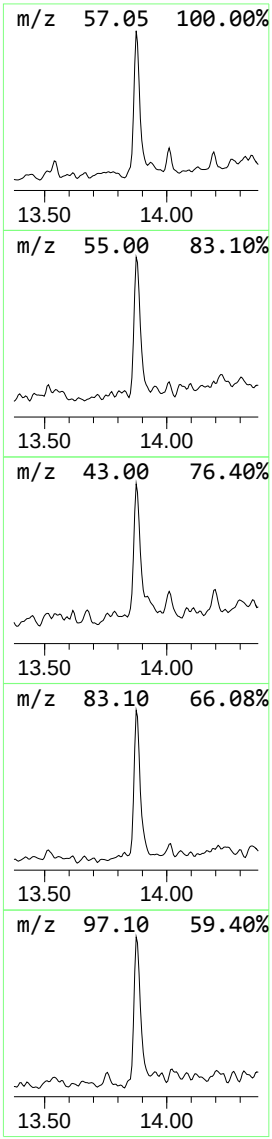
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptafluorobutyric acid, pe... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	3.61 ng	99338	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	93
3	1-Docosene	308	C22H44	001599-67-3	93
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90





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Data File : BF144363.D
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Sample : Q3719-01
Misc :
ALS Vial : 7 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

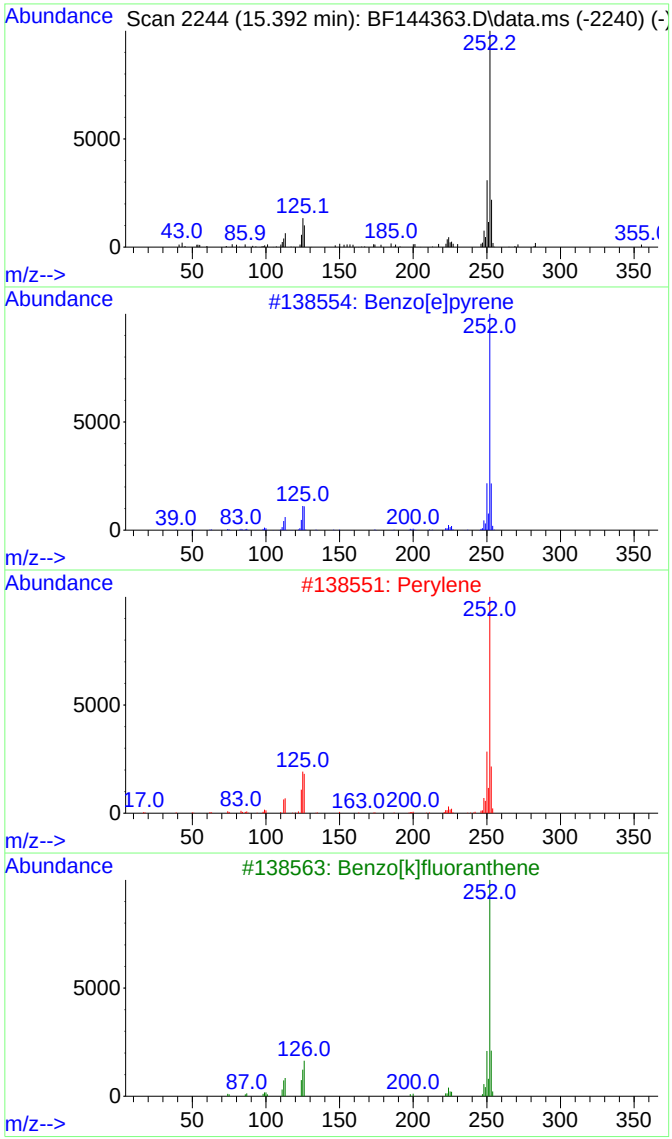
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

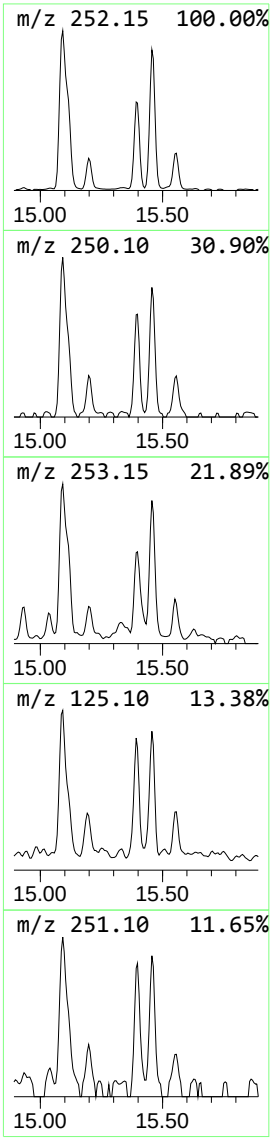
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.392	2.44 ng	59098	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112625\
Data File : BF144363.D
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Sample : Q3719-01
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Instrument :
BNA_F
ClientSampleId :
SB-1125-10A

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	5.3	ng	121469	3	9.898	459943	20.0
cis-7-Hexadecen...	11.839	2.2	ng	56222	4	11.392	508783	20.0
n-Hexadecanoic ...	11.916	10.4	ng	263351	4	11.392	508783	20.0
Heptafluorobuty...	13.874	3.6	ng	99338	5	14.039	550067	20.0
Benzo[e]pyrene	15.392	2.4	ng	59098	6	15.521	484933	20.0