LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142646.D
Acq On : 06 Jun 2025 14:58
Operator : RC/JU
Sample : Q2219-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11995

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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142646.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	486	496	509	rBV	174761	266013	9.21%	1.208%
2	5.510	558	564	570	rBV	1674699	2302991	79.72%	10.455%
3	6.516	729	735	756	rVB	1628543	2318888	80.27%	10.527%
4	6.892	794	799	804	rBV	612804	743102	25.72%	3.374%
5	7.457	888	895	905	rBV	1103927	1508303	52.21%	6.847%
6	7.710	934	938	944	rVB	21536	28991	1.00%	0.132%
7	8.175	1012	1017	1035	rBV	746625	999382	34.59%	4.537%
8	9.251	1194	1200	1210	rBV	2235015	2888947	100.00%	13.115%
9	9.933	1310	1316	1321	rBV	901233	1125187	38.95%	5.108%
10	10.645	1432	1437	1443	rBV	379375	480383	16.63%	2.181%
11	10.722	1445	1450	1465	rVV	1376855	1806450	62.53%	8.201%
12	10.839	1465	1470	1477	rVB4	18795	36882	1.28%	0.167%
13	10.957	1486	1490	1496	rVB	28493	37140	1.29%	0.169%
14	11.422	1564	1569	1580	rBV2	837729	1227984	42.51%	5.575%
15	11.945	1650	1658	1669	rBV2	292125	558519	19.33%	2.536%
16	12.033	1669	1673	1676	rBV2	42350	63323	2.19%	0.287%
17	12.222	1697	1705	1715	rVB3	41687	105830	3.66%	0.480%
18	12.474	1744	1748	1751	rVB	27287	28970	1.00%	0.132%
19	12.639	1771	1776	1780	rBV	152658	203672	7.05%	0.925%
20	12.727	1787	1791	1799	rBV	99004	150131	5.20%	0.682%
21	12.869	1806	1815	1822	rBV	145342	228007	7.89%	1.035%
22	13.010	1833	1839	1847	rVB	1618547	2092733	72.44%	9.501%
23	13.080	1847	1851	1858	rBV3	17430	31263	1.08%	0.142%
24	13.186	1863	1869	1874	rVB	21732	48329	1.67%	0.219%
25	13.298	1885	1888	1899	rVB2	25673	45438	1.57%	0.206%
26	13.816	1970	1976	1979	rBV3	19969	37334	1.29%	0.169%
27	13.904	1986	1991	2002	rVB2	91021	157255	5.44%	0.714%
28	14.063	2011	2018	2029	rBV2	522665	855826	29.62%	3.885%
29	14.221	2042	2045	2054	rVB7	17696	32169	1.11%	0.146%
30	14.451	2080	2084	2087	rBV	18914	30338	1.05%	0.138%
31	14.533	2094	2098	2101	rBV4	25245	45294	1.57%	0.206%
32	14.692	2121	2125	2130	rVB	55932	78524	2.72%	0.356%
33	14.786	2137	2141	2145	rVB	35582	47679	1.65%	0.216%
34	14.839	2145	2150	2154	rBV	44219	73851	2.56%	0.335%
35	14.880	2154	2157	2162	rVB	26985	37166	1.29%	0.169%
36	14.974	2170	2173	2177	rVB	31680	42104	1.46%	0.191%

LSC Area Percent Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11995

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-BF052025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.027	2178	2182	2186	rVB2	33321	55643	1.93%	0.253%
38	15.121	2193	2198	2205	rBV2	60137	123702	4.28%	0.562%
39	15.186	2206	2209	2213	rVB2	23942	34709	1.20%	0.158%
40	15.433	2246	2251	2257	rVB	34185	55106	1.91%	0.250%
41	15.492	2257	2261	2267	rVV	45640	68550	2.37%	0.311%
42	15.563	2267	2273	2286	rVB	480153	808703	27.99%	3.671%
43	16.033	2349	2353	2359	rVB	18997	30778	1.07%	0.140%
44	17.068	2524	2529	2538	rVB2	21086	46759	1.62%	0.212%
45	17.521	2601	2606	2617	rVB2	17651	39035	1.35%	0.177%

Sum of corrected areas: 22027383

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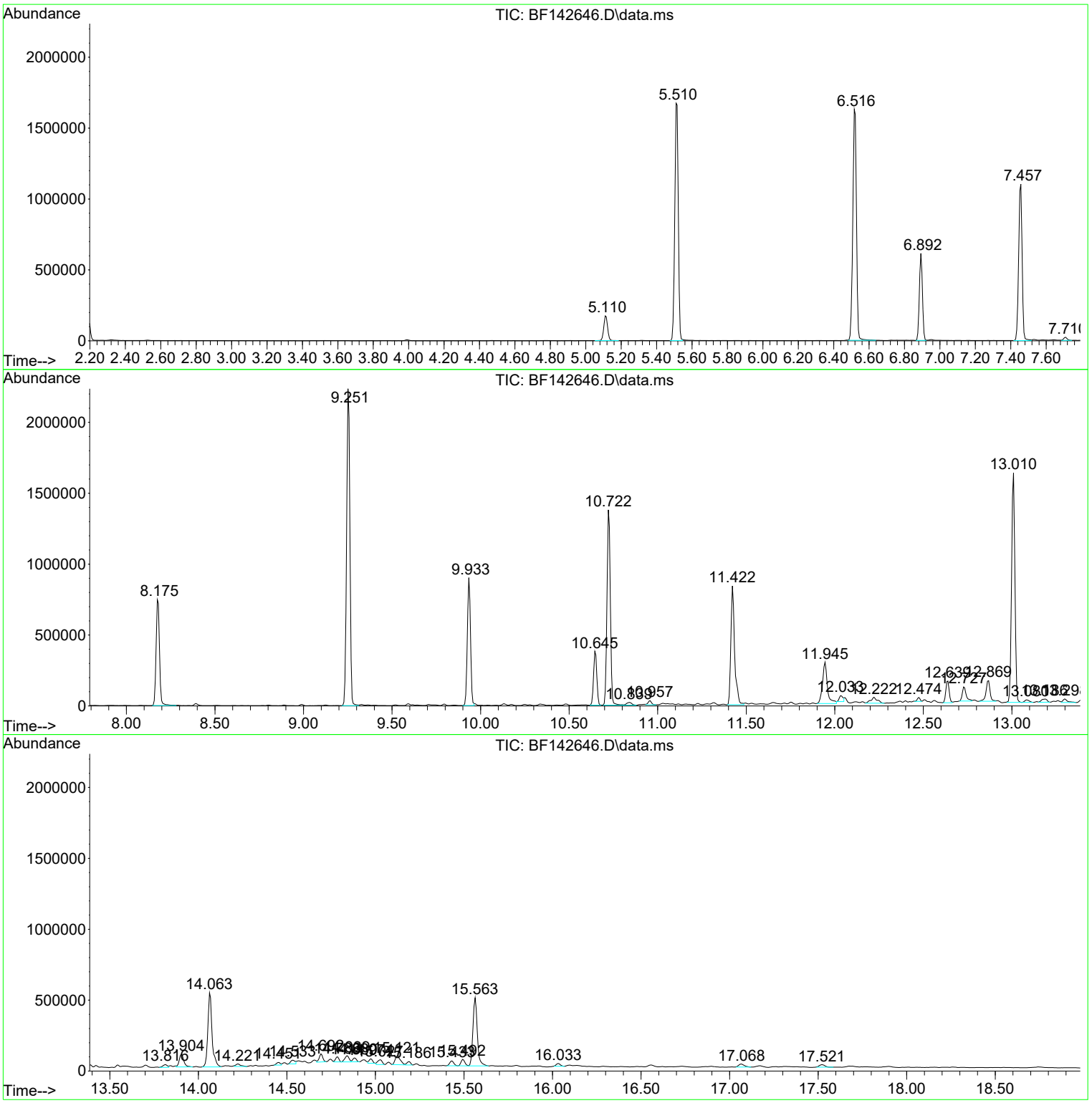
Instrument :
BNA_F
ClientSampleId :
72-11995

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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\BF060625\
Data File : BF142646.D
Acq On : 06 Jun 2025 14:58
Operator : RC/JU
Sample : Q2219-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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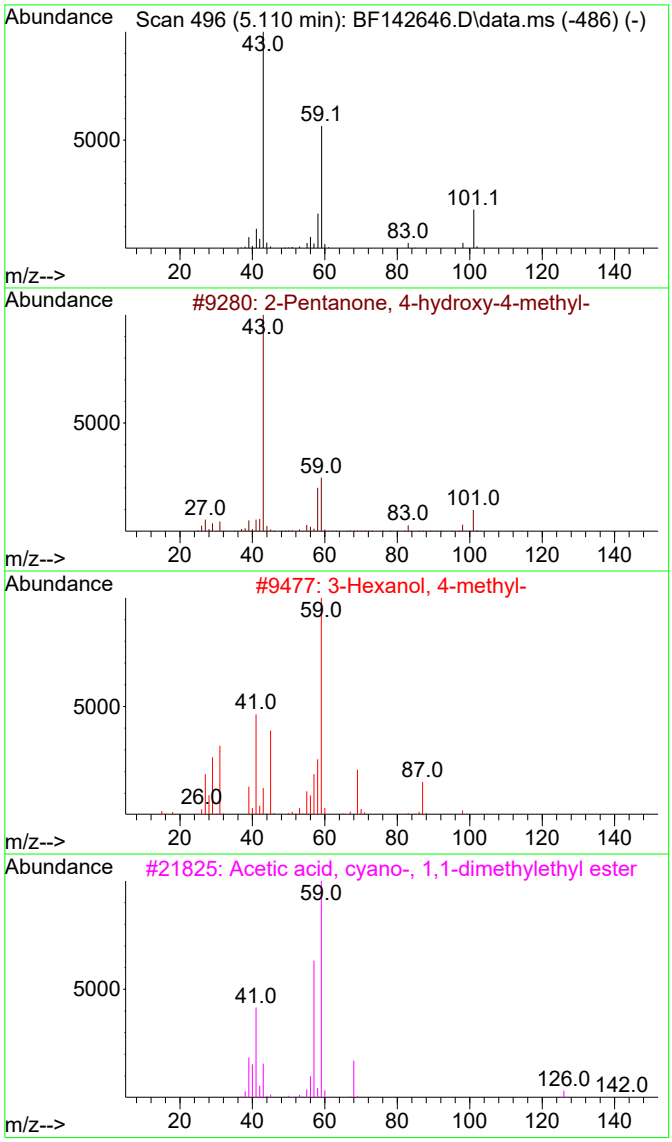
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

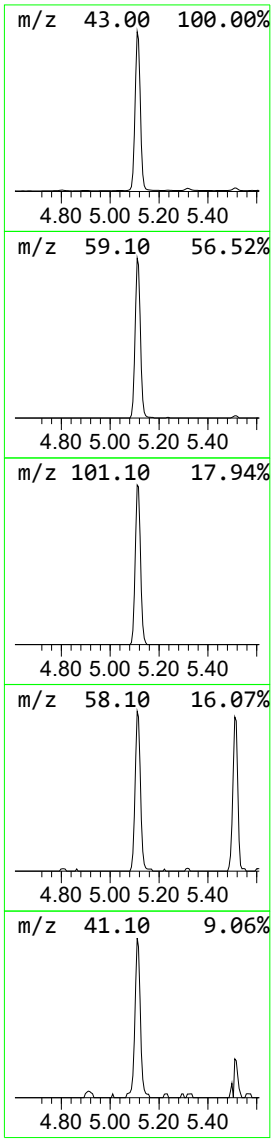
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	7.16 ng	266013	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Sample : Q2219-01
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

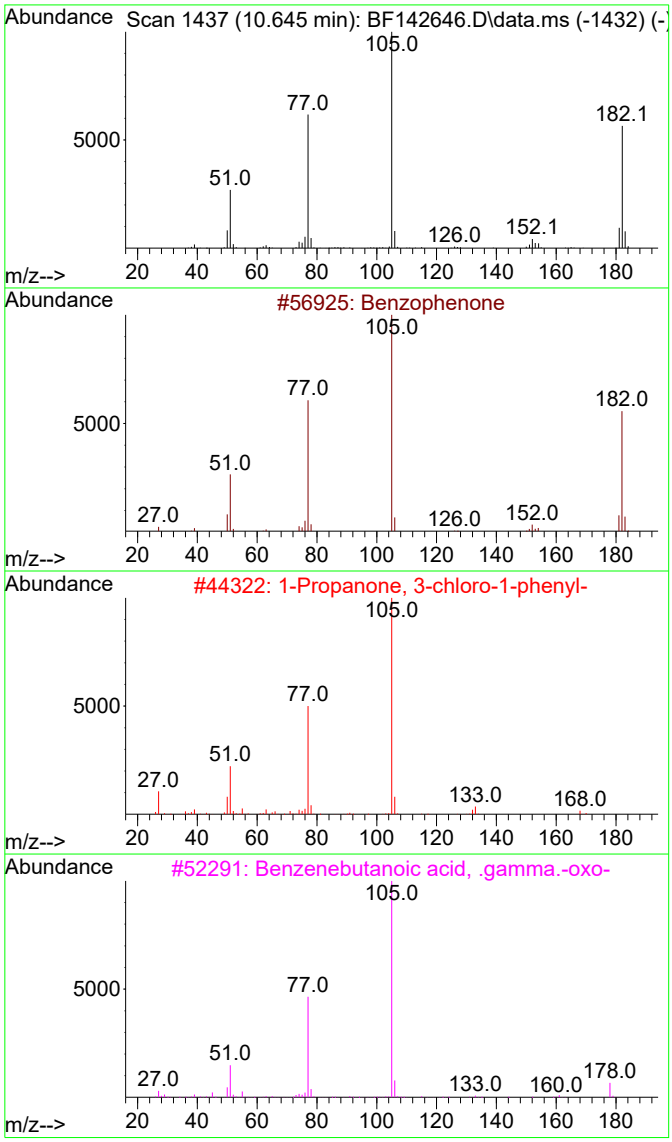
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

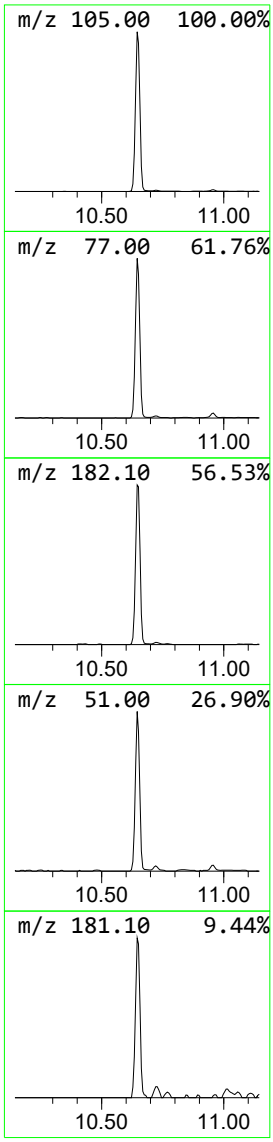
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	8.54 ng	480383	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5	Vinyl benzoate	148	C9H8O2	000769-78-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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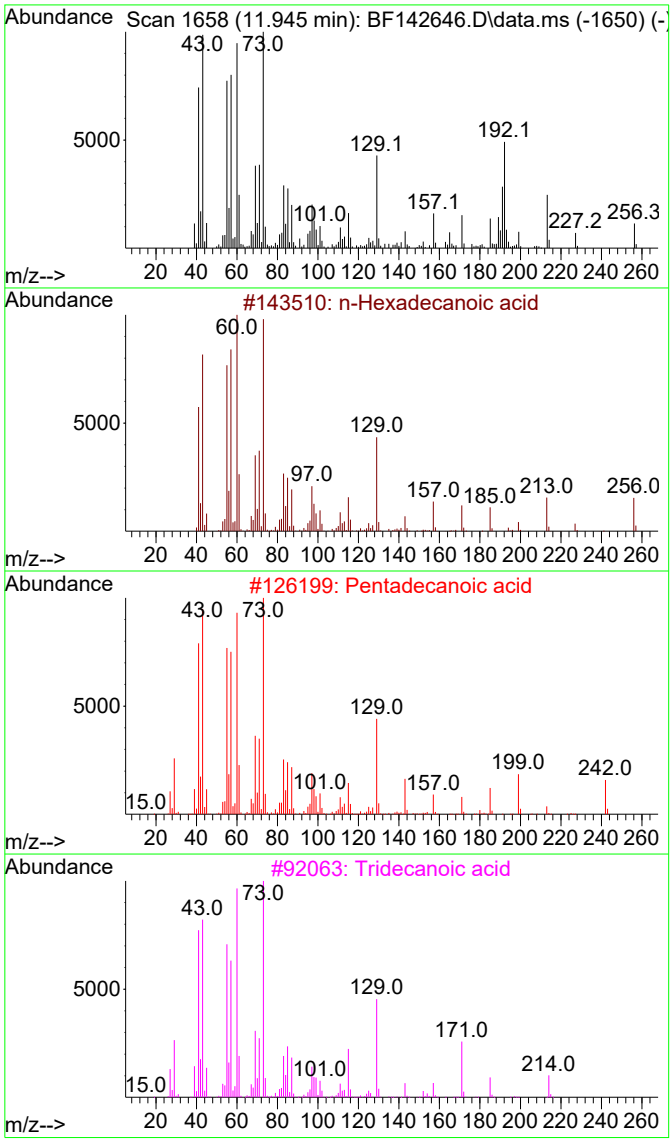
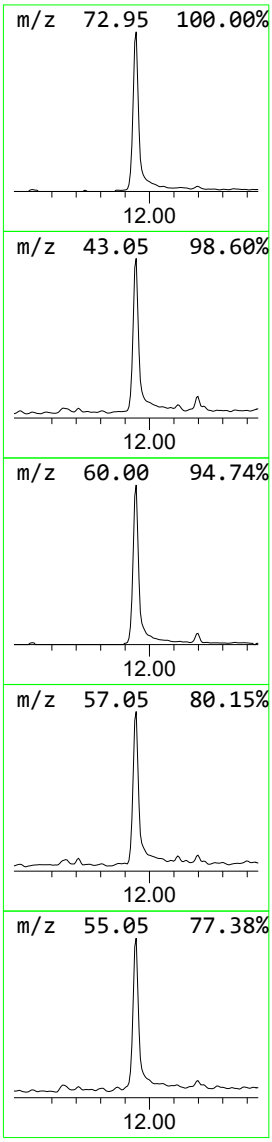
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	9.10 ng	558519	Phenanthrene-d10	11.422

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	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53





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Acq On : 06 Jun 2025 14:58
Operator : RC/JU
Sample : Q2219-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

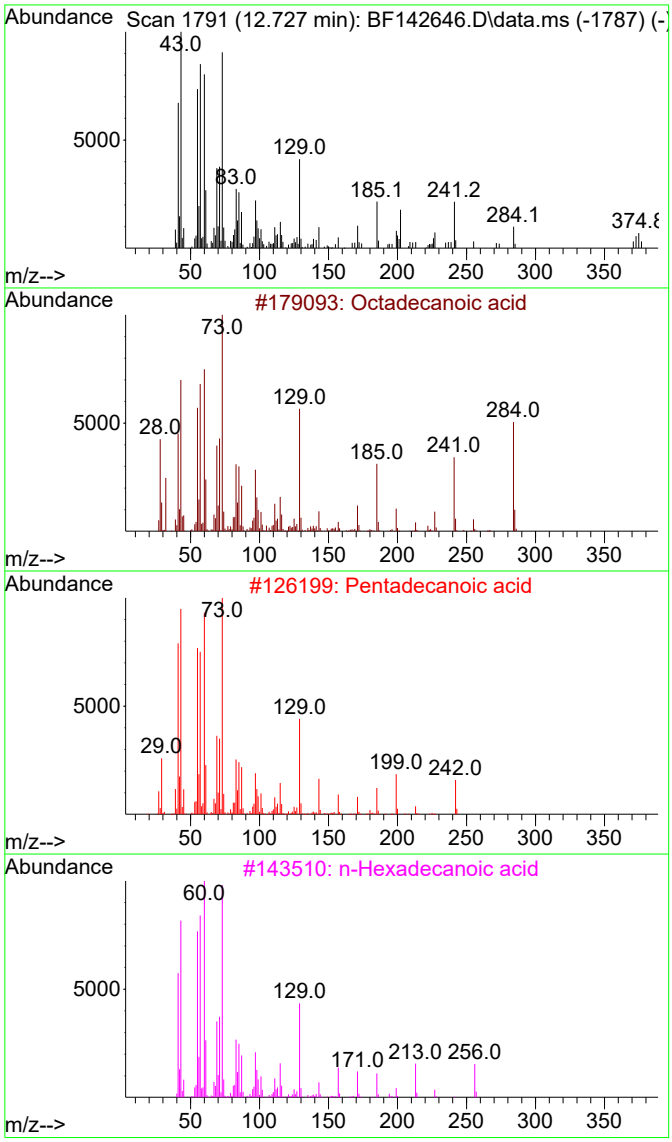
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

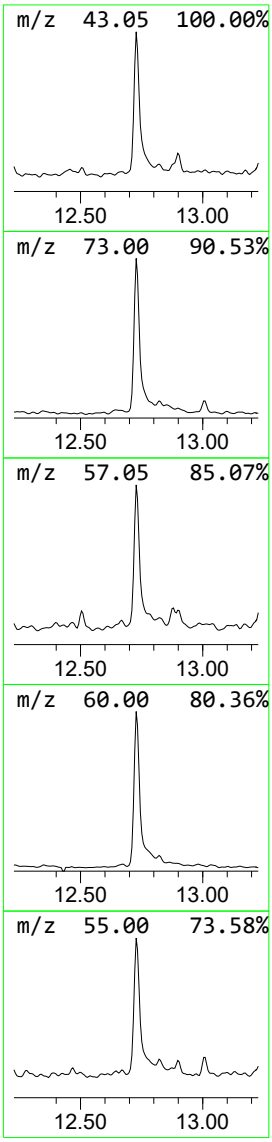
****

Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.727	2.45 ng	150131	Phenanthrene-d10	11.422

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	86
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4	n-Decanoic acid	172	C10H20O2	000334-48-5	78
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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Misc :
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Instrument :
BNA_F
ClientSampleId :
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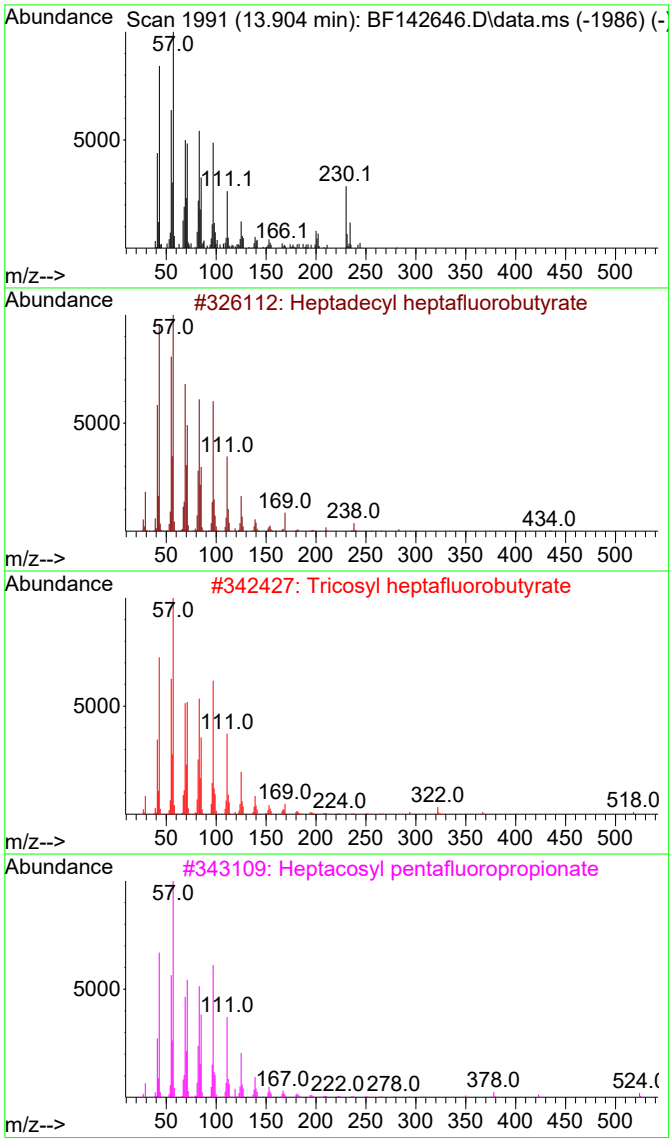
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

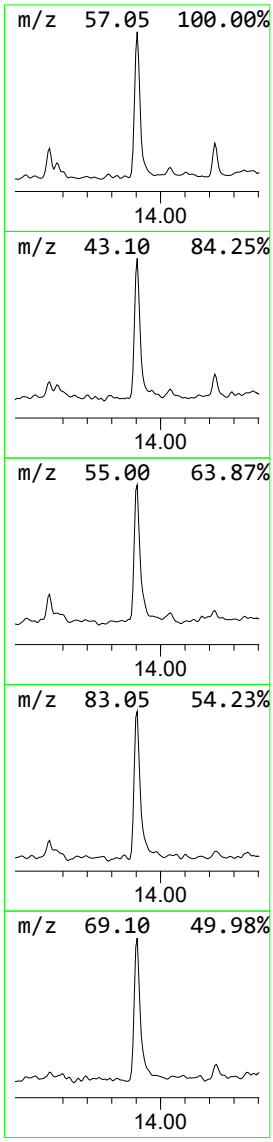
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	3.67 ng	157255	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
2	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	87
3	Heptacosyl pentafluoropropionate	542	C30H55F5O2	1000351-81-6	87
4	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	87
5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	87





Tentatively Identified Compound (LSC) summary

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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
2-Pentanone, 4-...	5.110	7.2	ng	266013	1	6.892	743102	20.0
Benzophenone	10.645	8.5	ng	480383	3	9.933	1125190	20.0
n-Hexadecanoic ...	11.945	9.1	ng	558519	4	11.422	1227980	20.0
Octadecanoic acid	12.727	2.5	ng	150131	4	11.422	1227980	20.0
Heptadecyl hept...	13.904	3.7	ng	157255	5	14.063	855826	20.0