LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
Data File : BF142628.D
Acq On : 05 Jun 2025 12:08
Operator : RC/JU
Sample : Q2194-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-13

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: BF142628.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.499	387	392	400	rBV	74644	111076	3.85%	0.545%
2	5.116	488	497	509	rVB	191504	286837	9.93%	1.406%
3	5.516	559	565	570	rBV	1822235	2406888	83.35%	11.800%
4	6.522	730	736	741	rBV	1773303	2436723	84.38%	11.947%
5	6.893	794	799	805	rVB	547072	676331	23.42%	3.316%
6	7.457	888	895	900	rBV	1202605	1583766	54.84%	7.765%
7	7.710	933	938	945	rVB	22985	30583	1.06%	0.150%
8	8.181	1012	1018	1035	rBV	677265	893200	30.93%	4.379%
9	9.251	1194	1200	1205	rBV	2248215	2887752	100.00%	14.158%
10	9.934	1311	1316	1321	rBV	798960	988554	34.23%	4.847%
11	10.645	1432	1437	1443	rBV	391561	512242	17.74%	2.511%
12	10.728	1445	1451	1463	rBV	1405145	1908716	66.10%	9.358%
13	10.957	1486	1490	1496	rBV	53585	69022	2.39%	0.338%
14	11.422	1564	1569	1575	rBV	752930	954128	33.04%	4.678%
15	11.645	1603	1607	1615	rVB2	21884	41082	1.42%	0.201%
16	11.945	1653	1658	1668	rBV	267388	409616	14.18%	2.008%
17	12.198	1697	1701	1708	rVB2	42931	59939	2.08%	0.294%
18	12.727	1787	1791	1805	rBV2	66223	122717	4.25%	0.602%
19	13.010	1833	1839	1844	rBV	1830682	2346719	81.26%	11.505%
20	13.745	1959	1964	1969	rVB	18038	30614	1.06%	0.150%
21	13.898	1986	1990	2007	rVB	76239	144795	5.01%	0.710%
22	14.063	2013	2018	2029	rVB	495063	659699	22.84%	3.234%
23	14.269	2048	2053	2060	rVB	25185	42011	1.45%	0.206%
24	14.733	2128	2132	2138	rBV	17097	31909	1.10%	0.156%
25	15.239	2213	2218	2224	rBV	19188	34927	1.21%	0.171%
26	15.563	2266	2273	2286	rBV	422743	683528	23.67%	3.351%
27	16.886	2493	2498	2510	rBV	16371	43518	1.51%	0.213%

Sum of corrected areas: 20396892

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Instrument :
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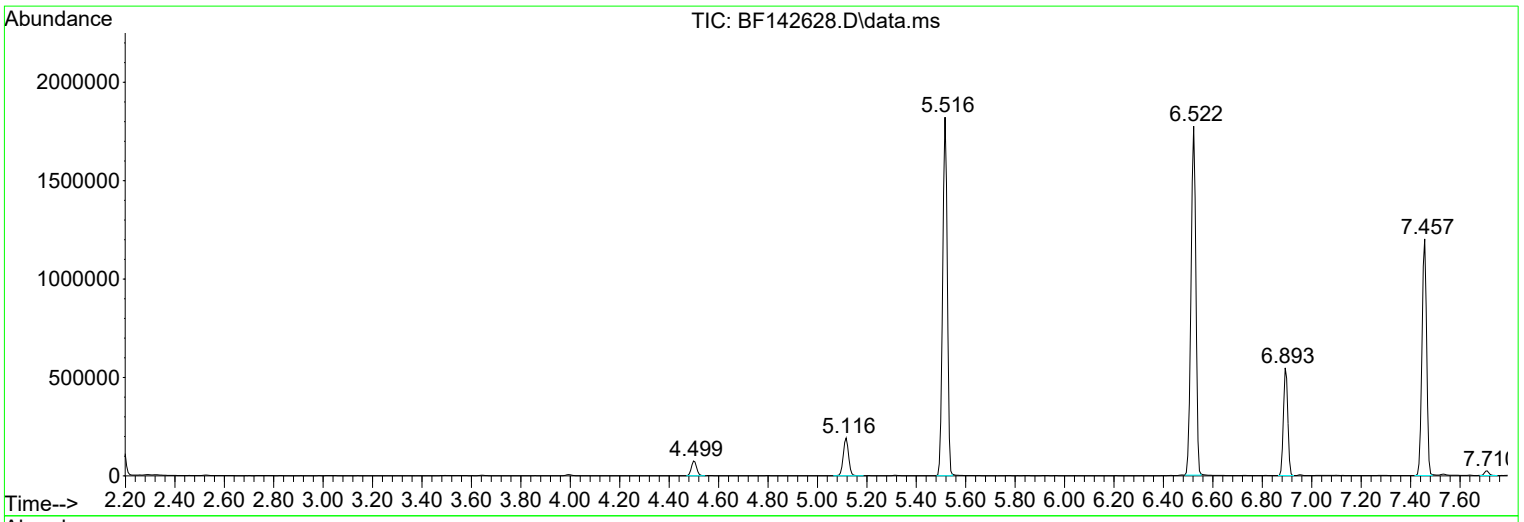
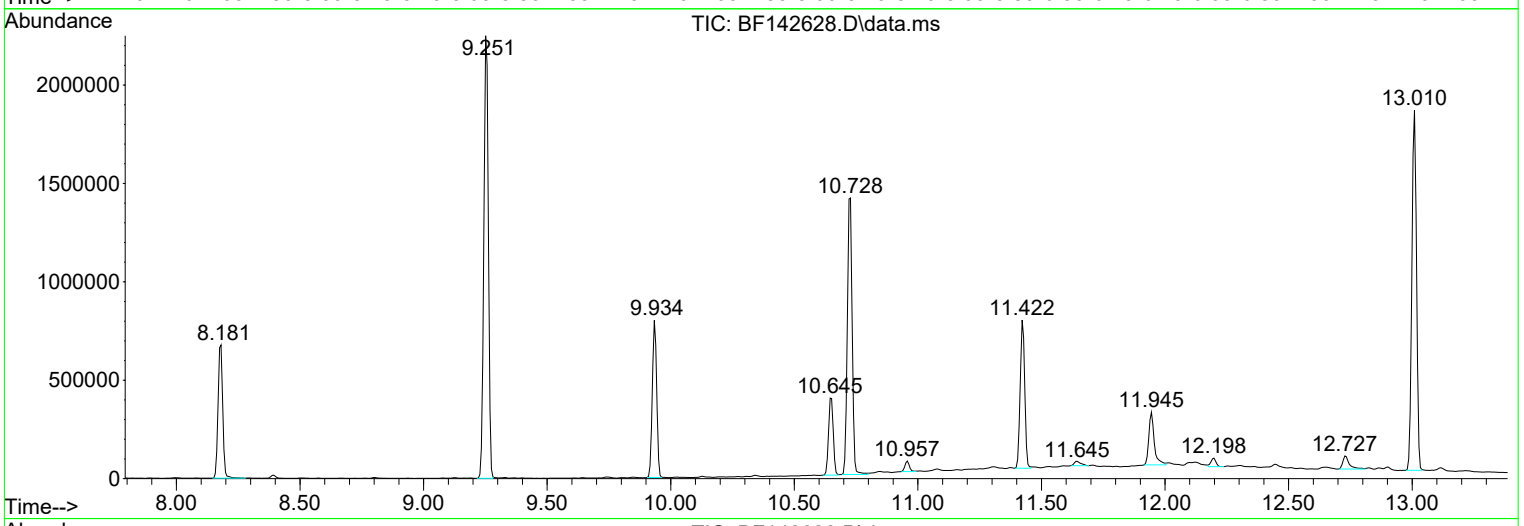
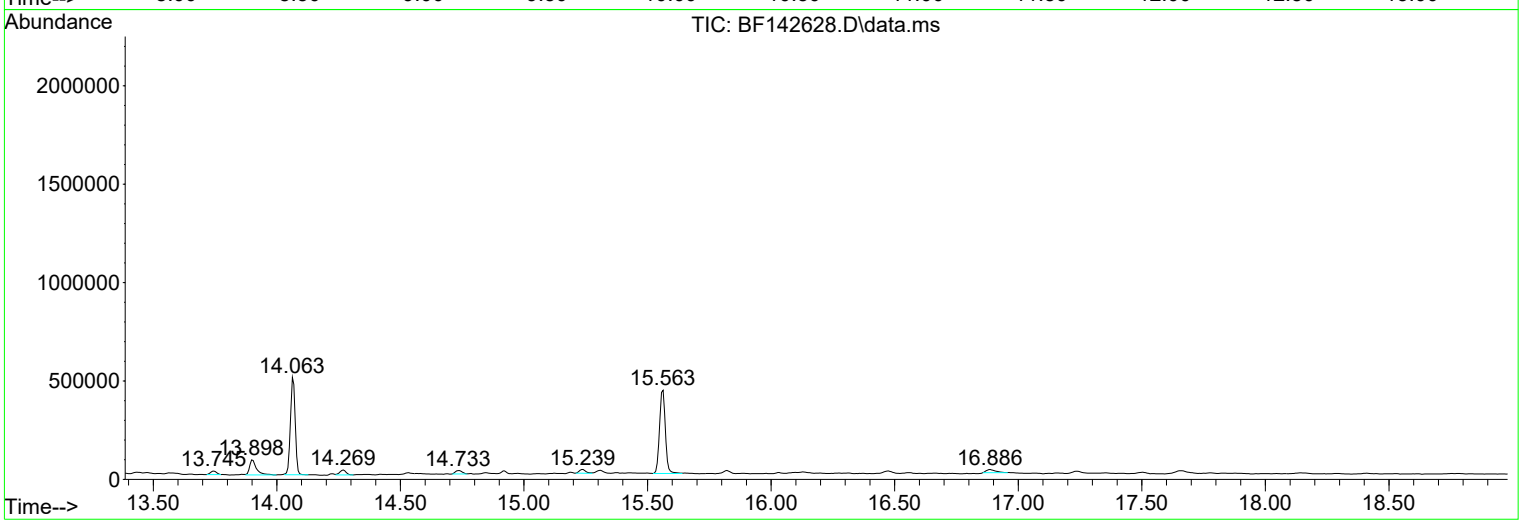
ClientSampleId :
COMP-13

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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

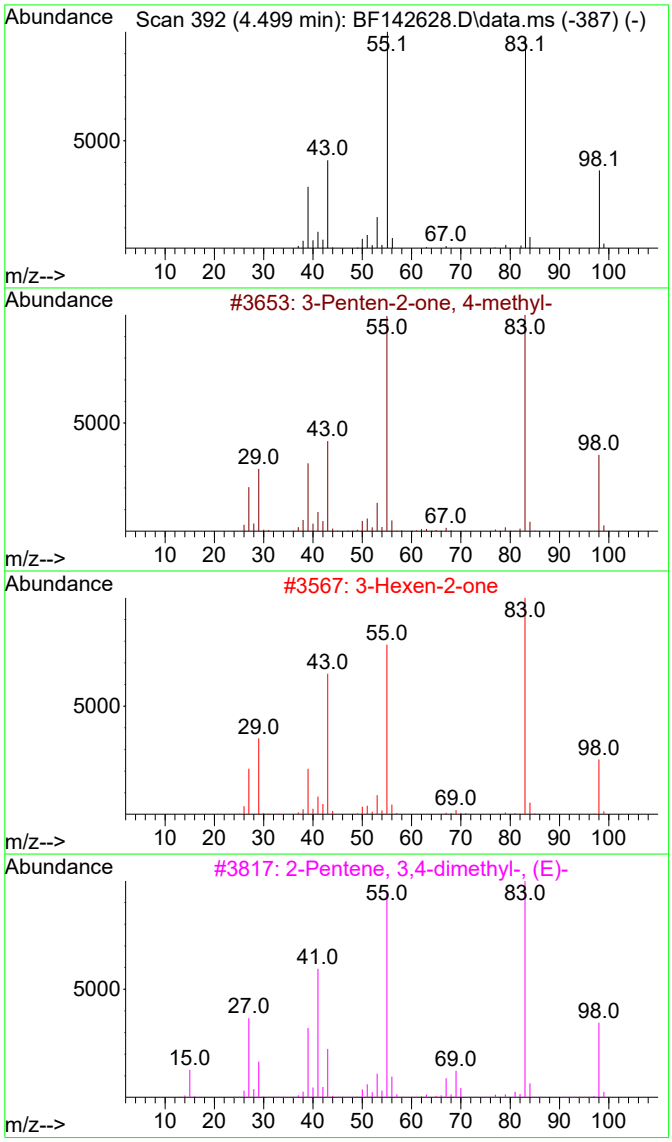
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

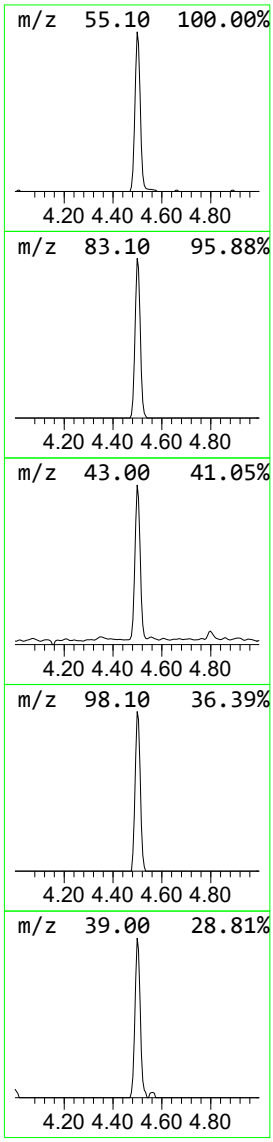
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.499	3.28 ng	111076	1,4-Dichlorobenzene-d4	6.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





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Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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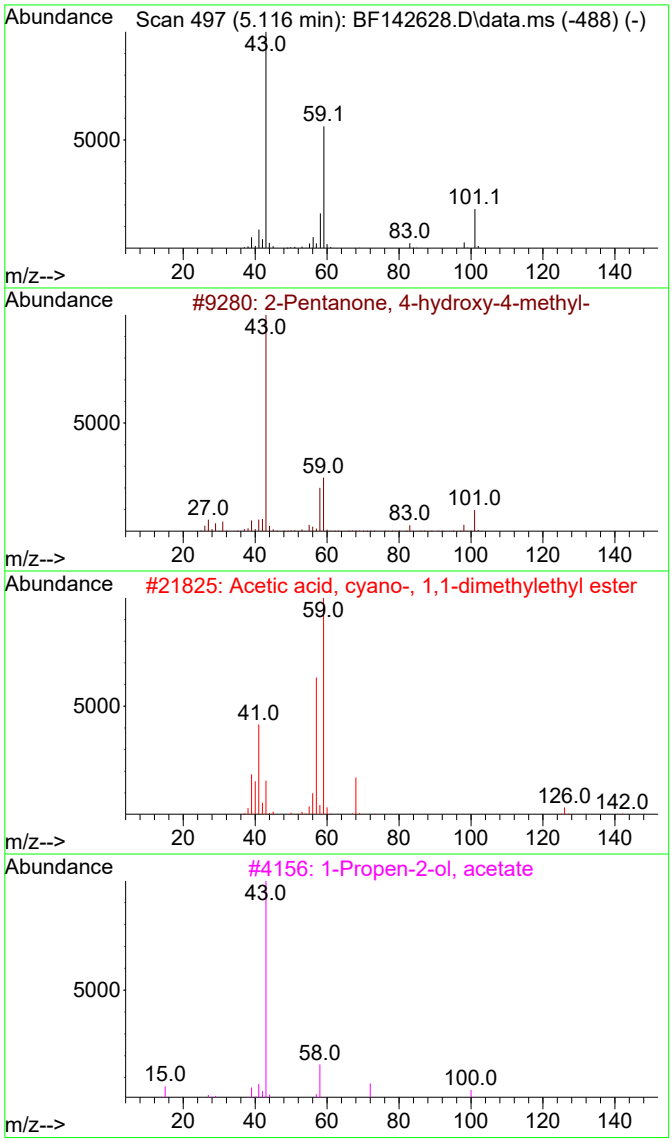
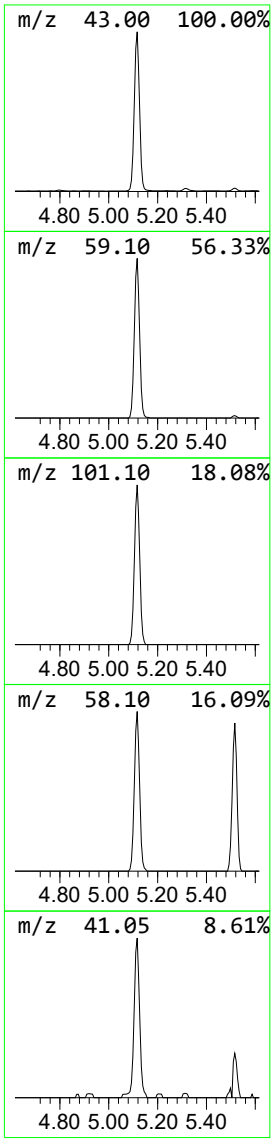
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	8.48 ng	286837	1,4-Dichlorobenzene-d4	6.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Operator : RC/JU
Sample : Q2194-03
Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
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TIC Library : C:\Database\NIST20.L
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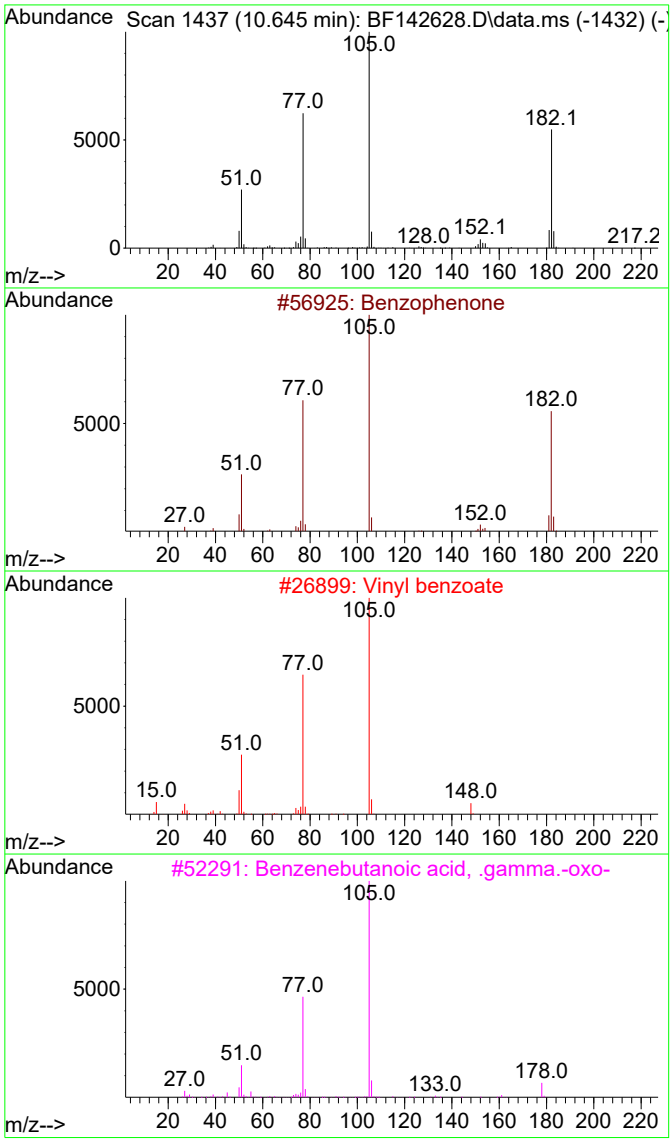
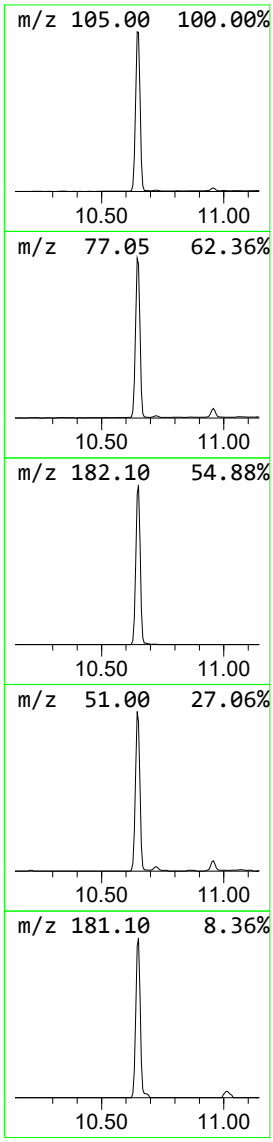
Peak Number 3 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	10.36 ng	512242	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Vinyl benzoate	148	C9H8O2	000769-78-8	47
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47





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ClientSampleId :
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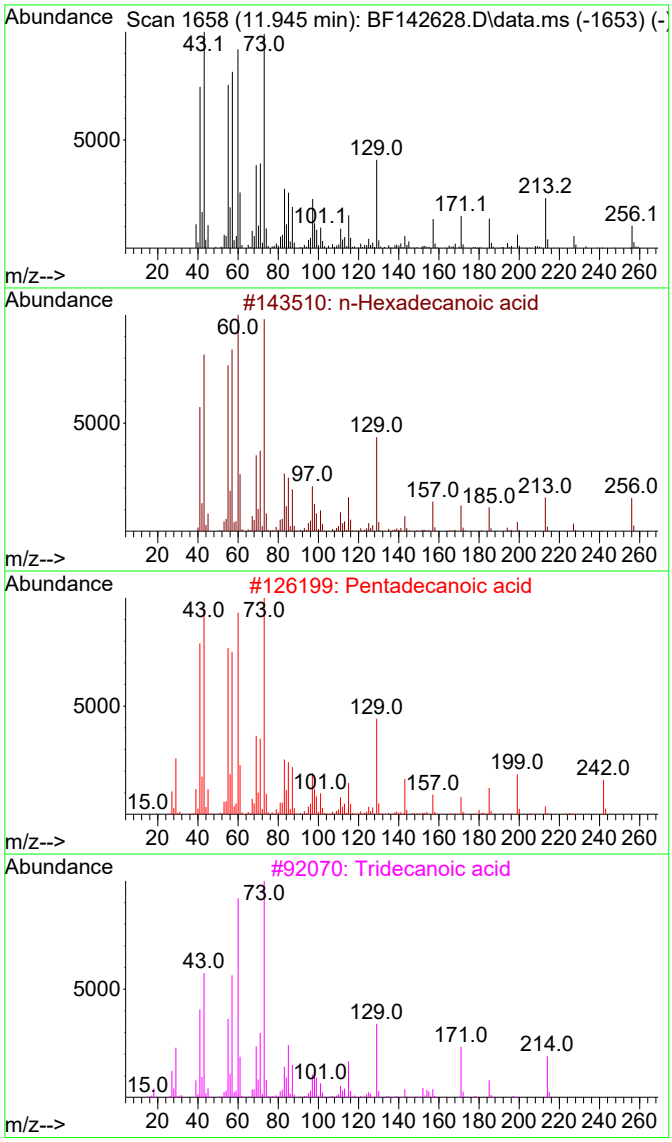
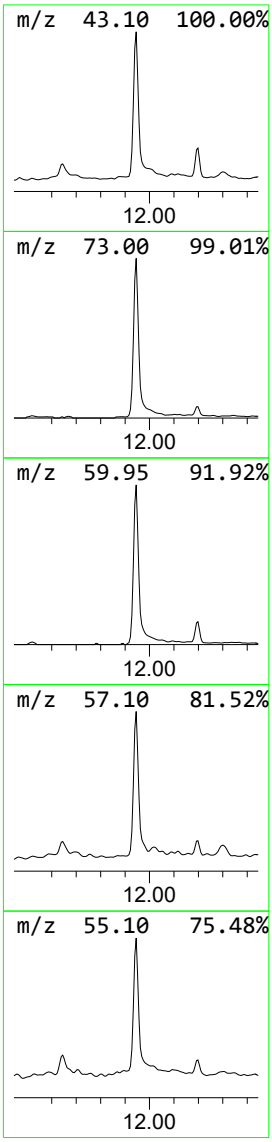
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	8.59 ng	409616	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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





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Sample : Q2194-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-13

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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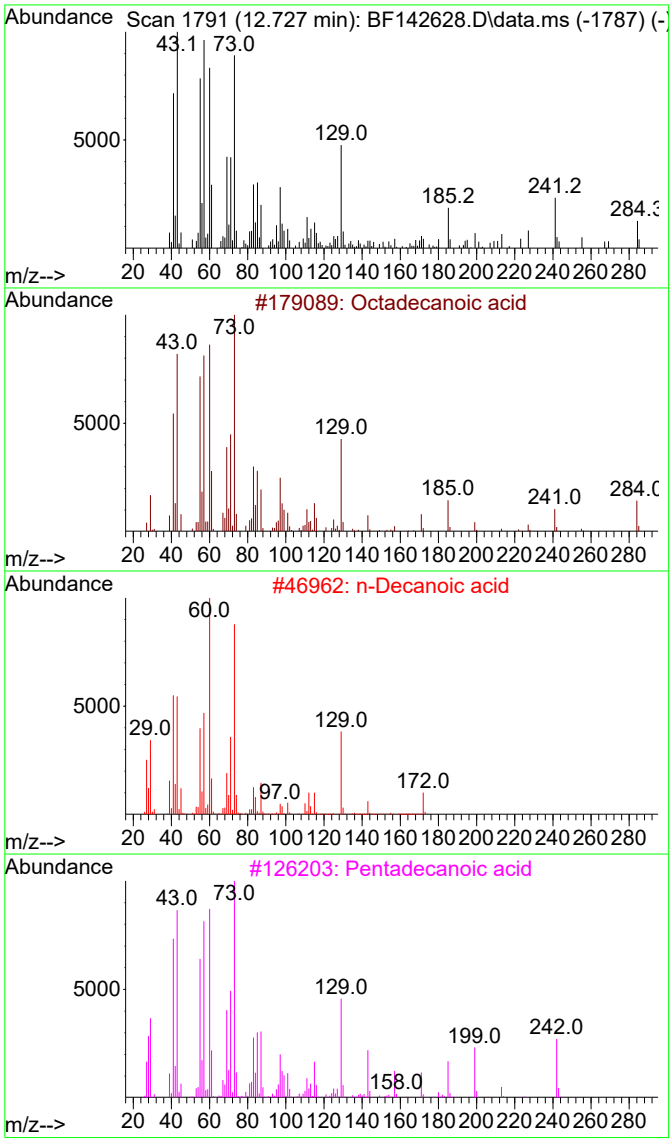
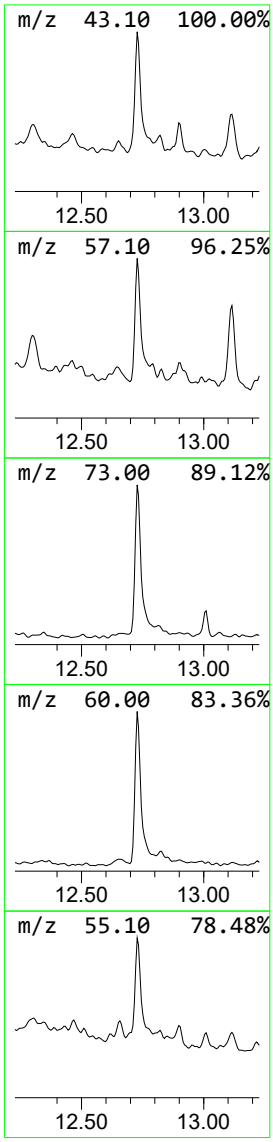
Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.727	2.57 ng	122717	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	68
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Undecanoic acid	186	C11H22O2	000112-37-8	60
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38





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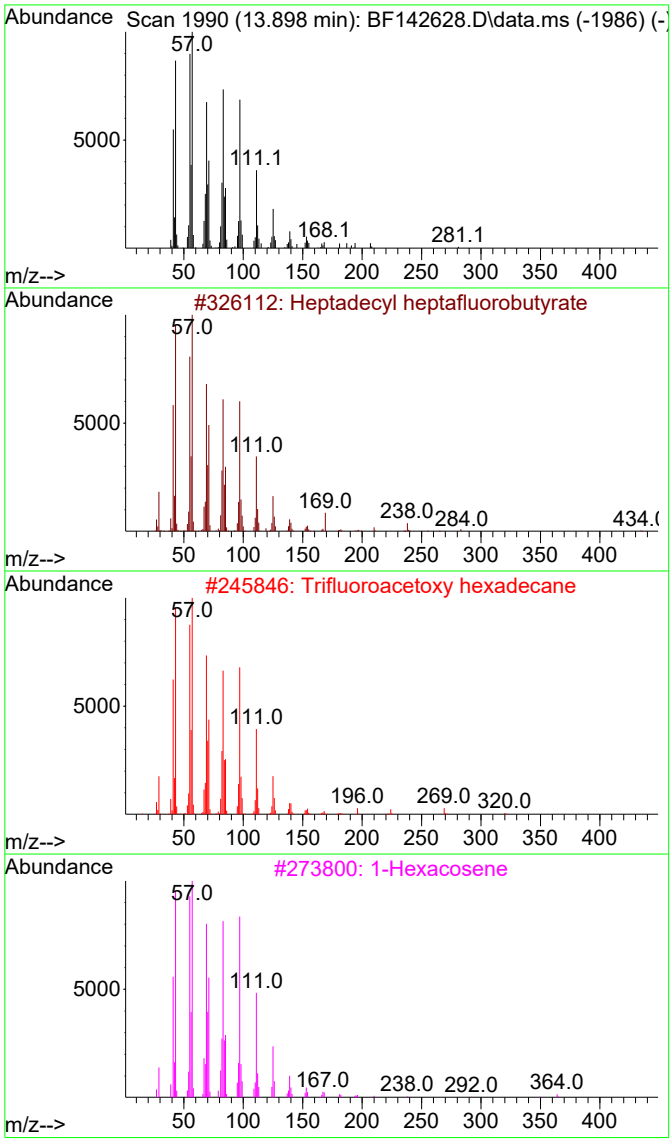
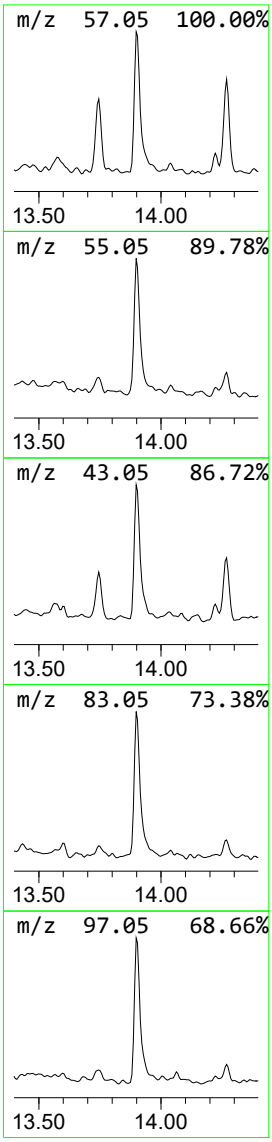
Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	4.39 ng	144795	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
3	1-Hexacosene	364	C26H52	018835-33-1	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	95
5	1-Tetracosene	336	C24H48	010192-32-2	91





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
3-Penten-2-one,...	4.499	3.3	ng	111076	1	6.893	676331	20.0
2-Pentanone, 4-...	5.116	8.5	ng	286837	1	6.893	676331	20.0
Benzophenone	10.645	10.4	ng	512242	3	9.934	988554	20.0
n-Hexadecanoic ...	11.945	8.6	ng	409616	4	11.422	954128	20.0
Octadecanoic acid	12.727	2.6	ng	122717	4	11.422	954128	20.0
Heptadecyl hept...	13.898	4.4	ng	144795	5	14.063	659699	20.0