LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
Data File : BF141343.D
Acq On : 31 Jan 2025 20:30
Operator : RC/JU
Sample : Q1221-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHESTNUT-CONCRETE

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-BF012925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141343.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.369	379	387	395	rBV	277166	411329	12.19%	1.803%
2	5.004	485	495	503	rBV	985201	1484213	43.97%	6.506%
3	5.422	560	566	581	rBV	1857988	2472871	73.26%	10.840%
4	6.439	733	739	764	rBV	1909869	2782281	82.43%	12.196%
5	6.798	795	800	805	rBV	744389	906589	26.86%	3.974%
6	7.357	889	895	900	rBV	1448260	1902738	56.37%	8.340%
7	8.081	1012	1018	1023	rBV	944306	1197882	35.49%	5.251%
8	9.157	1195	1201	1206	rBV	2600436	3375445	100.00%	14.796%
9	9.833	1310	1316	1321	rBV	1057536	1310385	38.82%	5.744%
10	10.545	1432	1437	1445	rBV	121882	161186	4.78%	0.707%
11	10.622	1445	1450	1461	rBV	1046720	1361064	40.32%	5.966%
12	11.322	1564	1569	1576	rVB	929590	1178938	34.93%	5.168%
13	11.851	1655	1659	1669	rBV3	28750	59136	1.75%	0.259%
14	12.910	1833	1839	1849	rBV	2029164	2606428	77.22%	11.425%
15	13.963	2013	2018	2027	rVB	620109	810460	24.01%	3.553%
16	15.427	2261	2267	2280	rBV	493111	792343	23.47%	3.473%

Sum of corrected areas: 22813288

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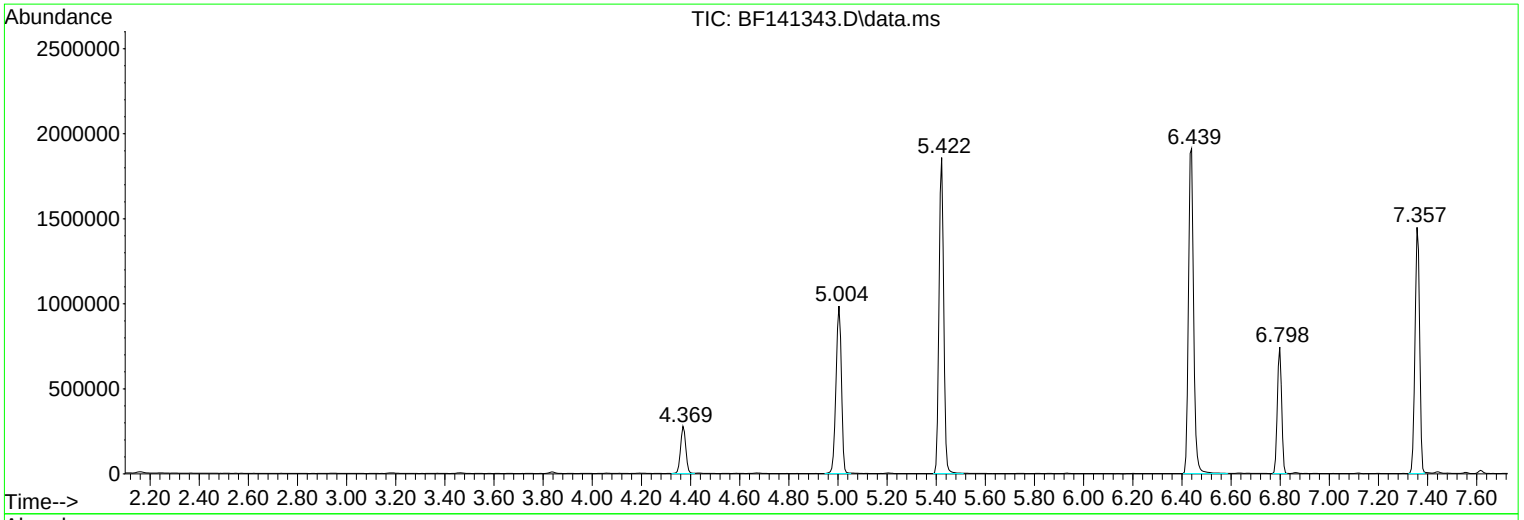
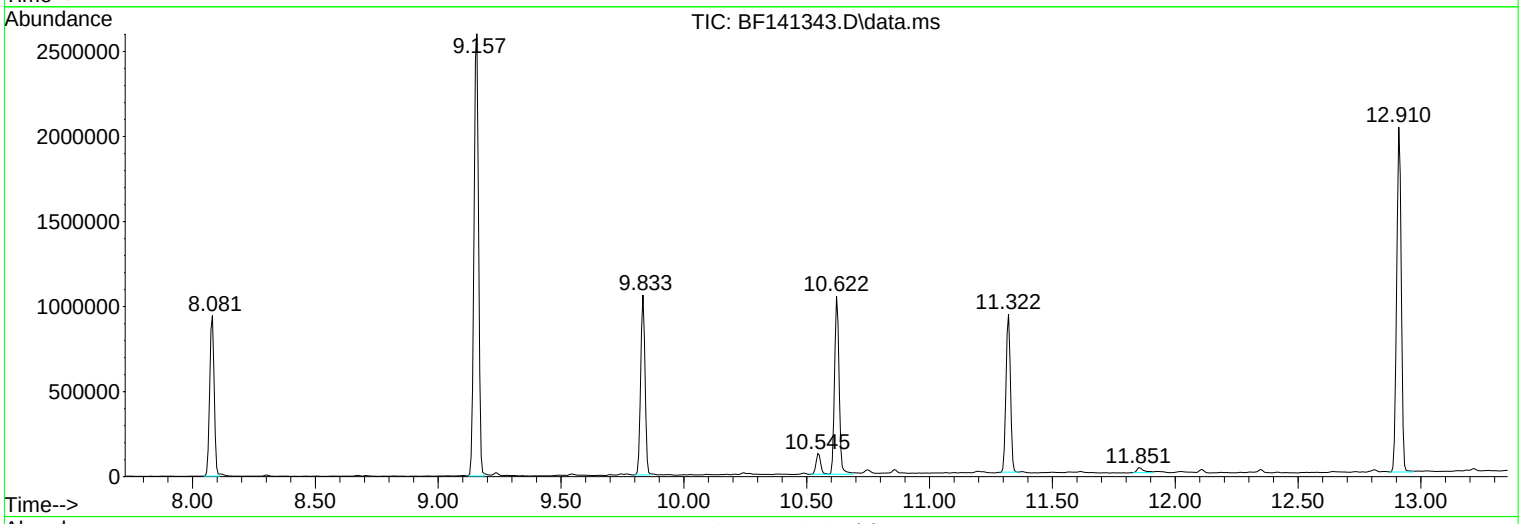
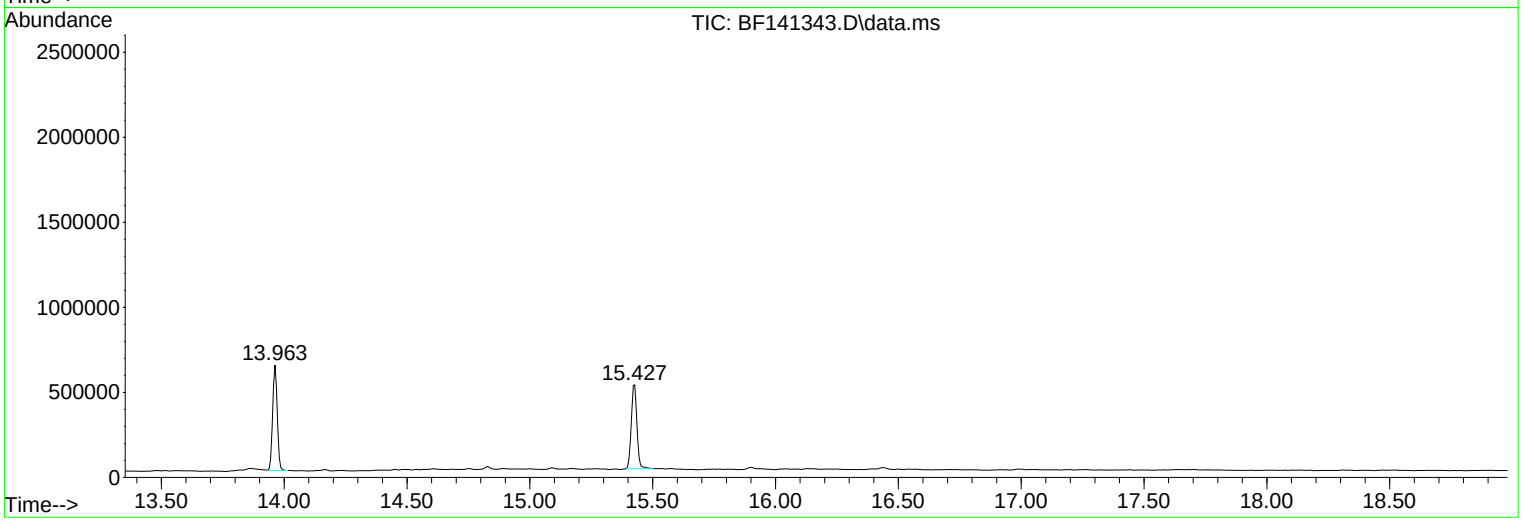
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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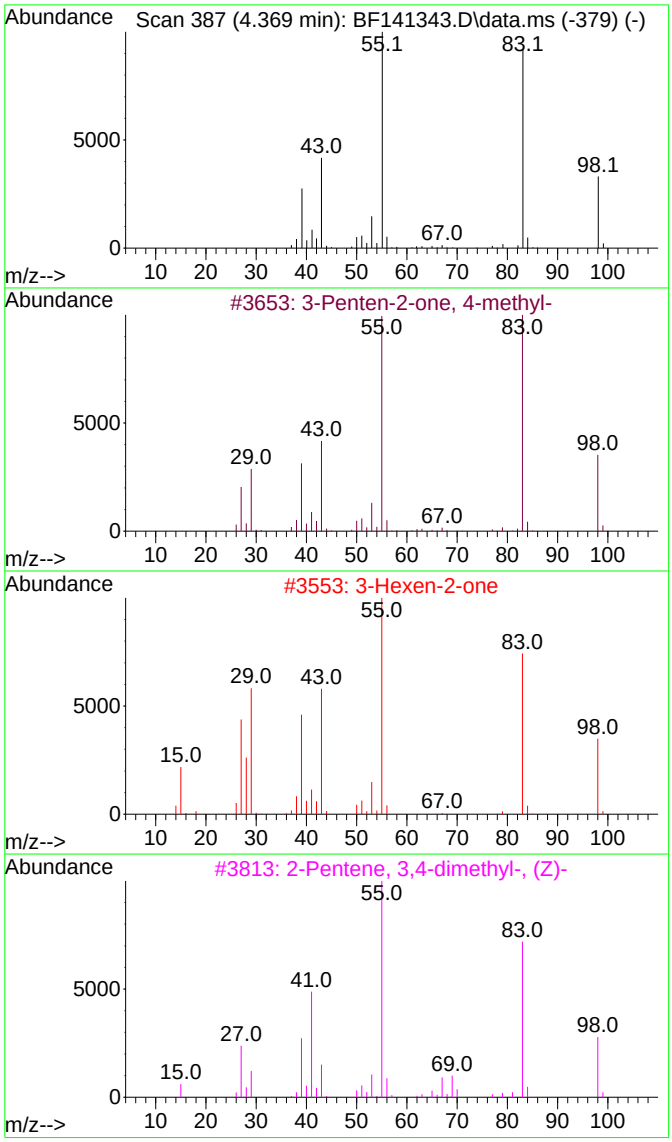
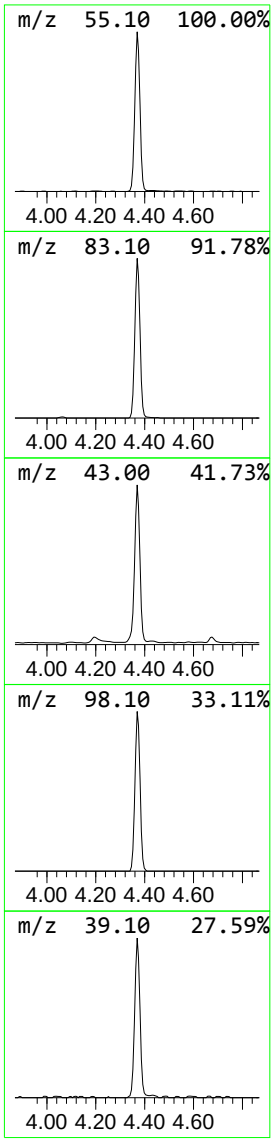
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.369	9.07 ng	411329	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78





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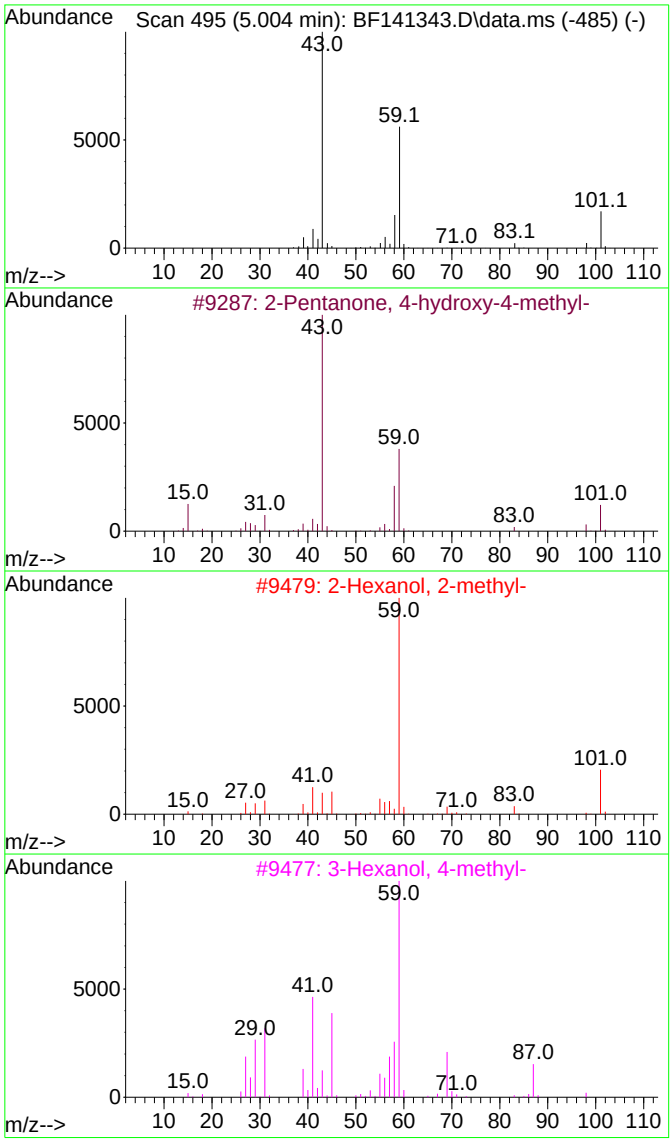
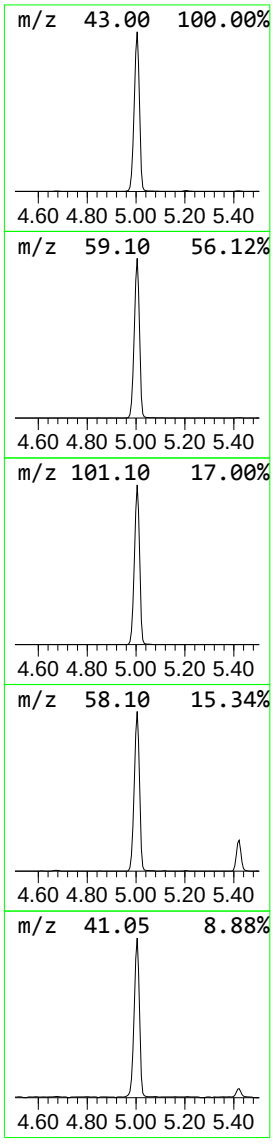
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.004	32.74 ng	1484210	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





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Instrument :
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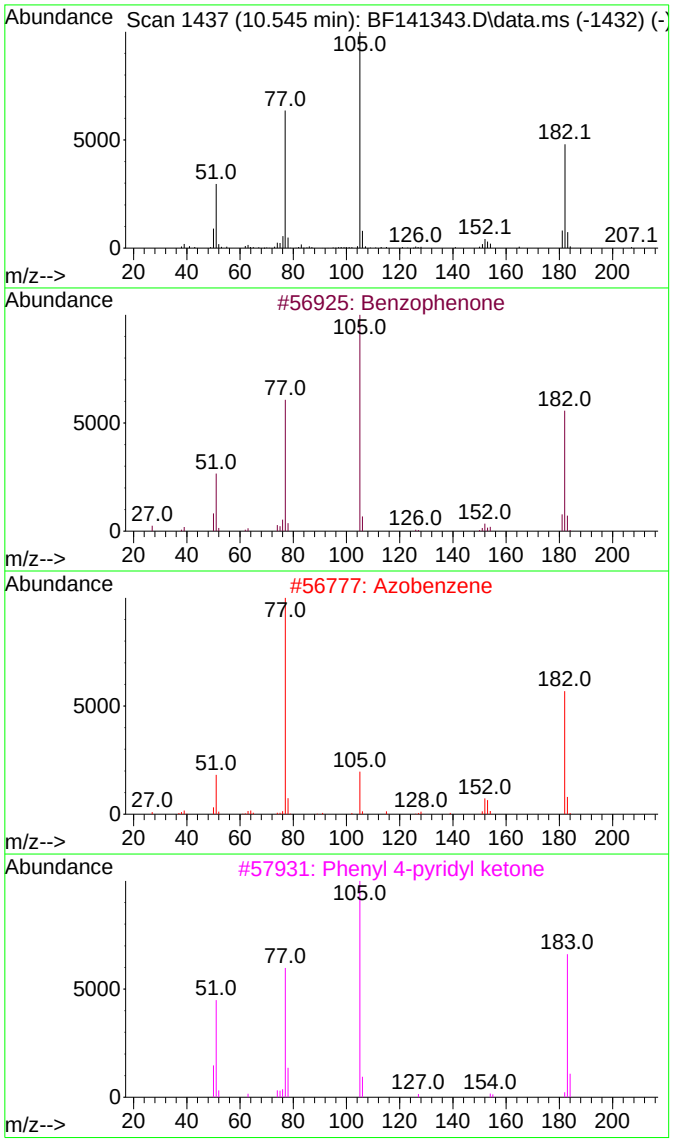
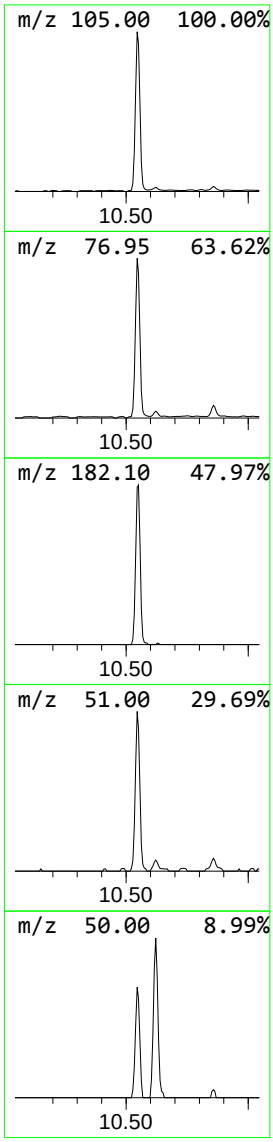
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.545	2.46 ng	161186	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	58
4	Benzilamide	227	C14H13NO2	004746-87-6	47
5	Vinyl benzoate	148	C9H8O2	000769-78-8	47





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one,...	4.369	9.1	ng	411329	1	6.798	906589	20.0
2-Pentanone, 4-...	5.004	32.7	ng	1484210	1	6.798	906589	20.0
Benzophenone	10.545	2.5	ng	161186	3	9.833	1310390	20.0