

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144218.D
 Acq On : 11 Nov 2025 22:57
 Operator : RC/JU
 Sample : Q3581-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200059

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: BF144218.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.093	489	493	506	rVB	46844	74784	4.76%	0.566%
2	5.493	556	561	584	rBV	941378	1282058	81.66%	9.709%
3	6.498	727	732	752	rBV	993988	1344013	85.60%	10.178%
4	6.869	791	795	803	rBV	393154	496901	31.65%	3.763%
5	7.434	885	891	901	rBV	647967	844504	53.79%	6.395%
6	8.151	1008	1013	1028	rVB	475934	653262	41.61%	4.947%
7	9.228	1190	1196	1207	rBV	1215027	1570043	100.00%	11.890%
8	9.910	1307	1312	1323	rBV	604520	779324	49.64%	5.902%
9	10.627	1429	1434	1442	rBV	116871	150020	9.56%	1.136%
10	10.704	1442	1447	1462	rBV	610808	825424	52.57%	6.251%
11	10.939	1482	1487	1492	rVB	18764	26195	1.67%	0.198%
12	11.404	1561	1566	1576	rBV	610237	855517	54.49%	6.479%
13	11.933	1647	1656	1659	rBV3	36978	77456	4.93%	0.587%
14	12.016	1667	1670	1681	rVB3	21509	47075	3.00%	0.356%
15	12.545	1757	1760	1766	rVB2	11454	17745	1.13%	0.134%
16	12.621	1766	1773	1778	rBV	132320	176243	11.23%	1.335%
17	12.774	1787	1799	1802	rBV6	6396	20706	1.32%	0.157%
18	12.851	1806	1812	1816	rBV	122169	173622	11.06%	1.315%
19	12.992	1828	1836	1844	rBV	1003083	1300659	82.84%	9.850%
20	13.069	1844	1849	1856	rBV3	13950	24494	1.56%	0.185%
21	13.174	1861	1867	1871	rBV	15088	32221	2.05%	0.244%
22	13.286	1882	1886	1892	rVB2	13840	19670	1.25%	0.149%
23	13.527	1922	1927	1931	rBV	113614	145508	9.27%	1.102%
24	13.692	1948	1955	1961	rBV3	16147	38410	2.45%	0.291%
25	13.892	1985	1989	2000	rVB3	46026	89499	5.70%	0.678%
26	14.051	2008	2016	2028	rBV2	422914	689765	43.93%	5.224%
27	14.210	2040	2043	2050	rVB4	15260	27263	1.74%	0.206%
28	14.445	2074	2083	2085	rBV2	18305	44010	2.80%	0.333%
29	14.545	2092	2100	2106	rBV7	18225	61435	3.91%	0.465%
30	14.674	2118	2122	2127	rBV	262387	357601	22.78%	2.708%
31	15.104	2190	2195	2202	rBV	68062	148012	9.43%	1.121%
32	15.410	2243	2247	2252	rVB	39675	58762	3.74%	0.445%
33	15.474	2253	2258	2263	rBV	44468	76121	4.85%	0.576%
34	15.539	2263	2269	2280	rVB	336828	559989	35.67%	4.241%
35	15.992	2342	2346	2351	rBV3	11976	21661	1.38%	0.164%
36	17.033	2518	2523	2533	rVB2	22130	48232	3.07%	0.365%

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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	17.486	2594	2600	2613	rVB	18577	46570	2.97%	0.353%
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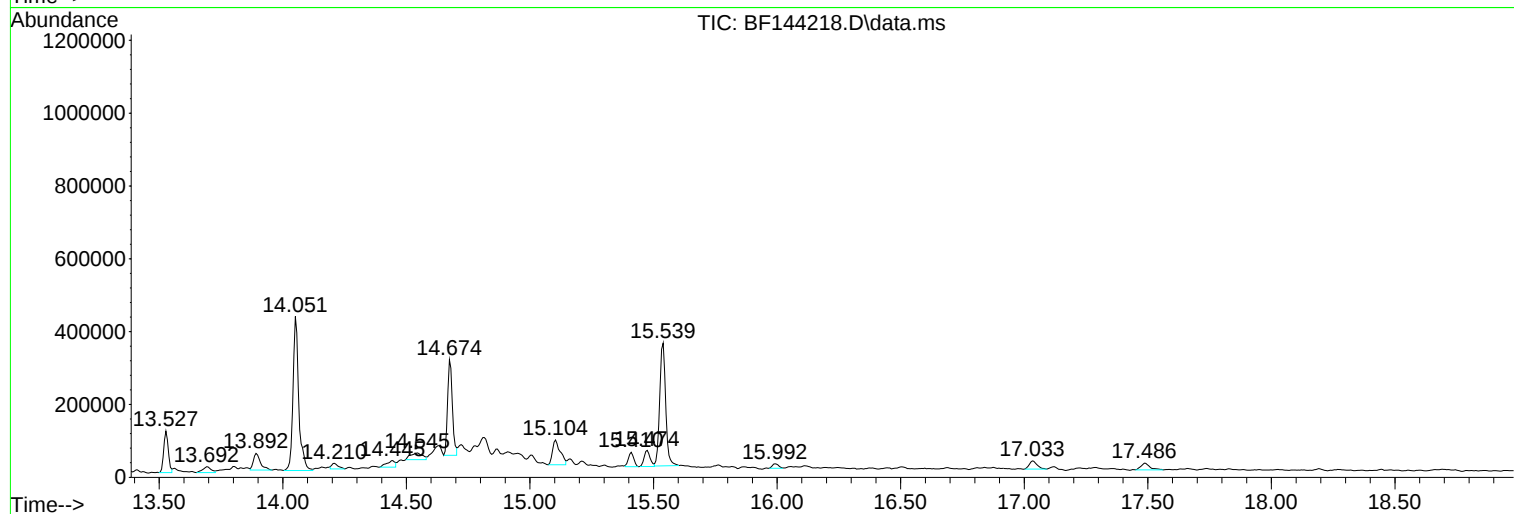
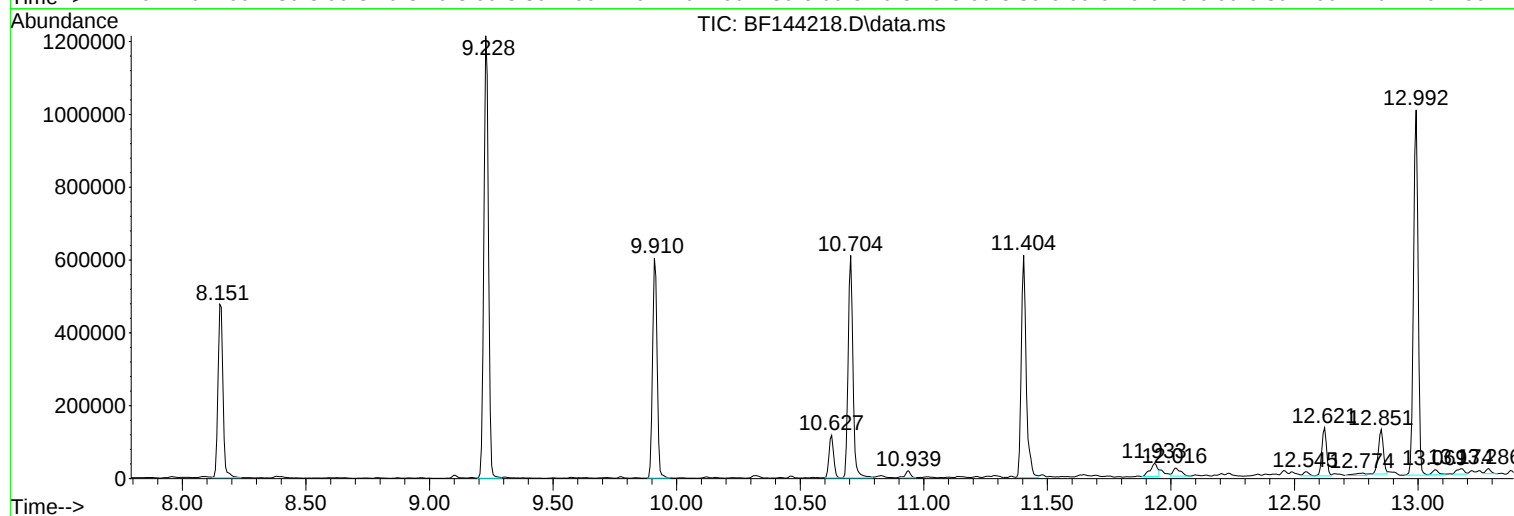
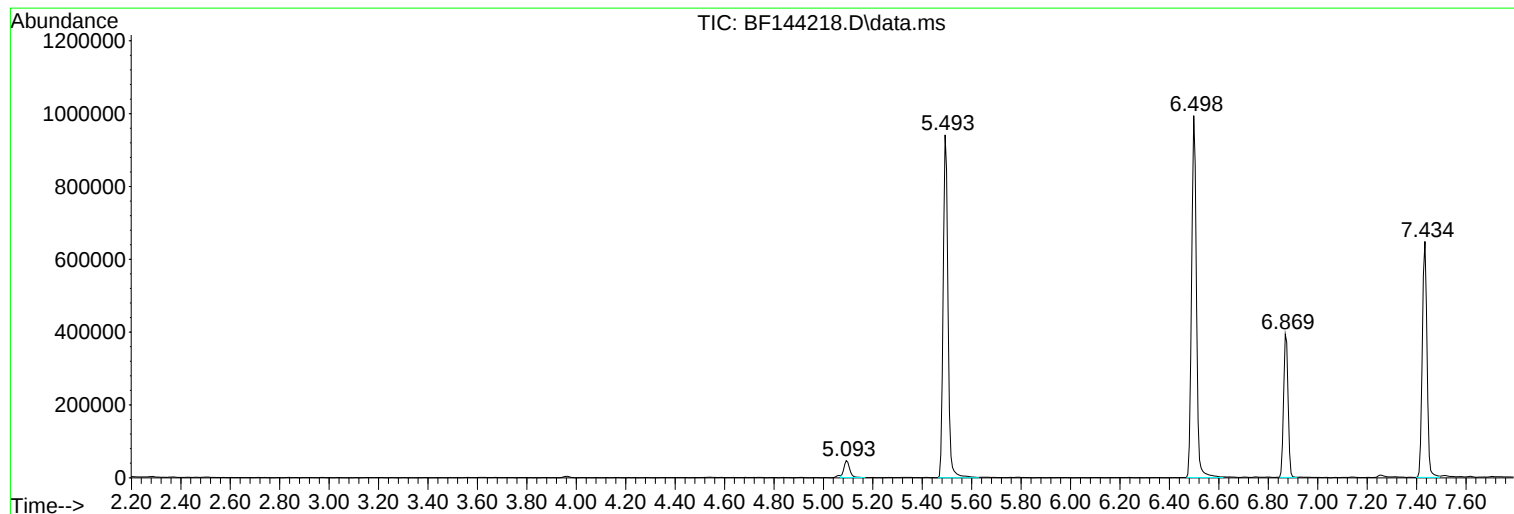
Sum of corrected areas: 13204774

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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



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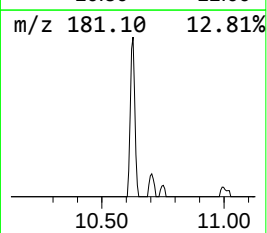
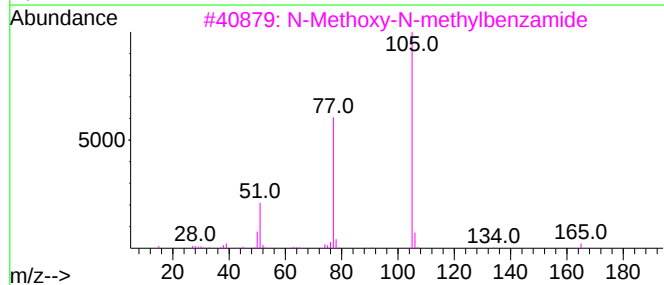
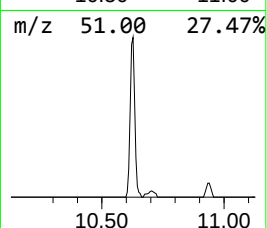
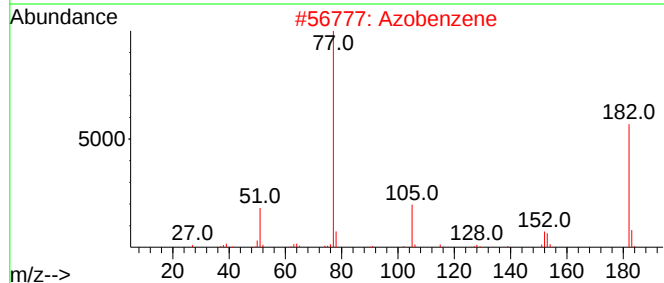
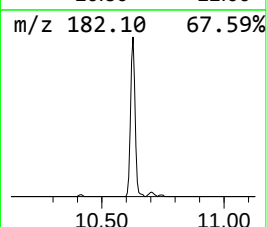
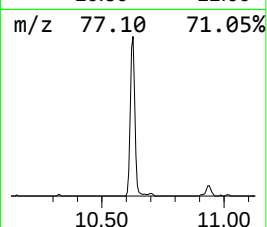
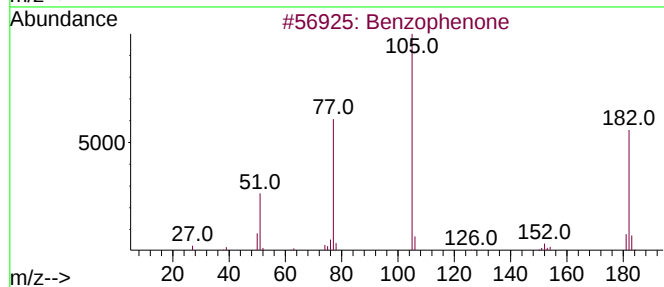
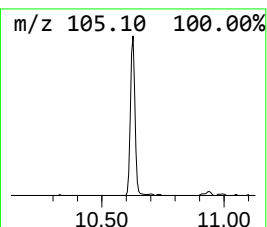
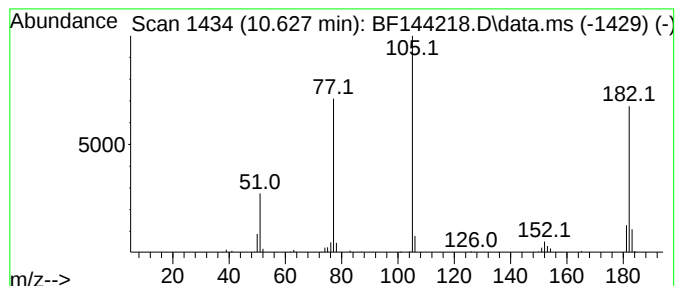
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	3.85 ng	150020	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Azobenzene	182	C12H10N2	000103-33-3	47
3			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	46
4			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	43
5			Methyl 2-benzoyl-4-cyanobutanoate	231	C13H13NO3	1010486-83-8	43



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Instrument :
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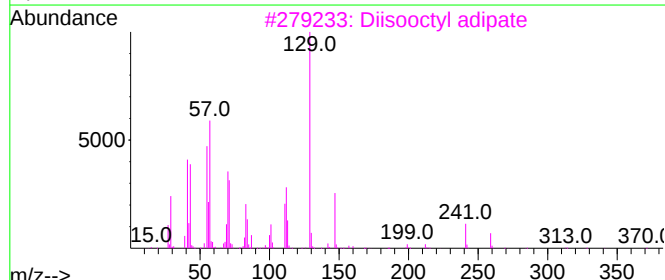
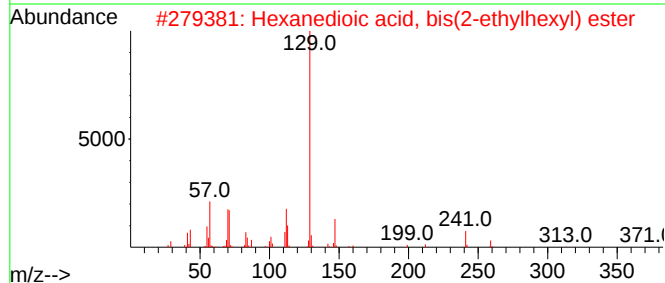
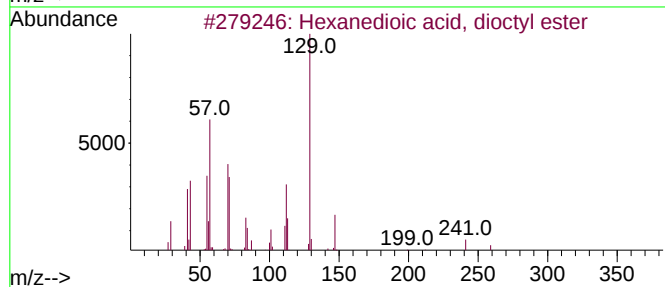
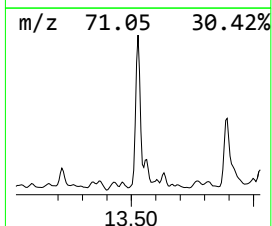
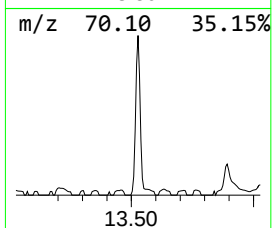
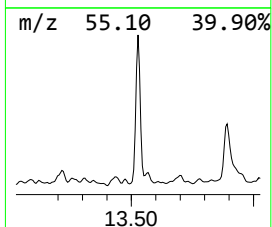
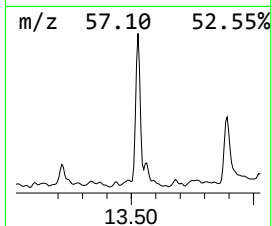
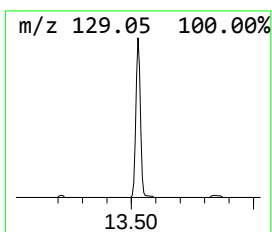
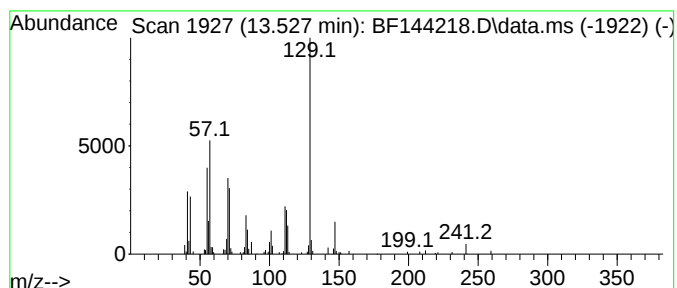
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Peak Number 3 Hexanedioic acid, dioctyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.527	4.22 ng	145508	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	87
2			Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	78
3			Diisooctyl adipate	370	C22H42O4	001330-86-5	53
4			Adipic acid, di(2-methylbutyl) e...	286	C16H30O4	1000324-68-7	50
5			Adipic acid, cycloheptyl octyl e...	354	C21H38O4	1000324-72-1	50



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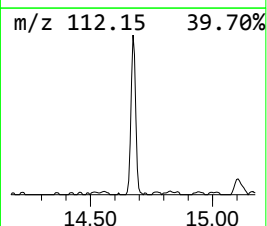
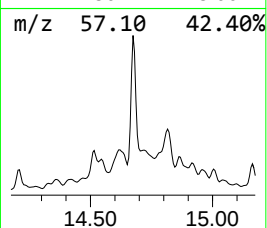
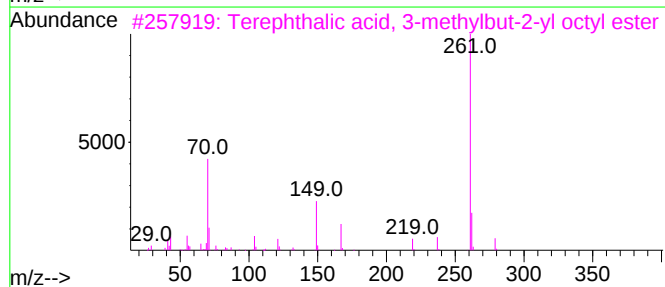
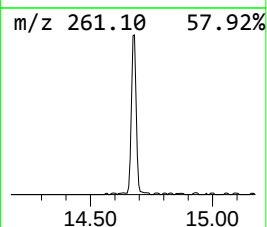
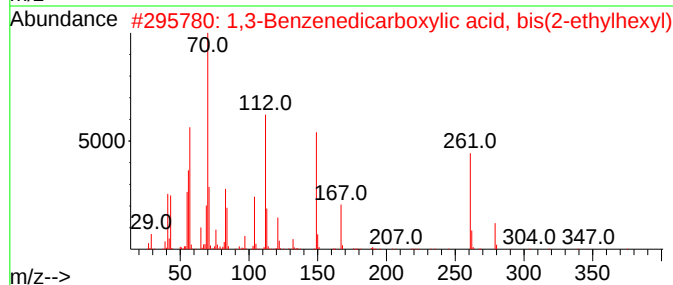
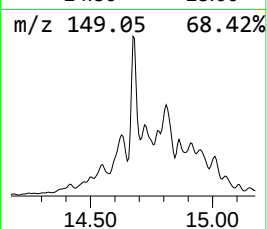
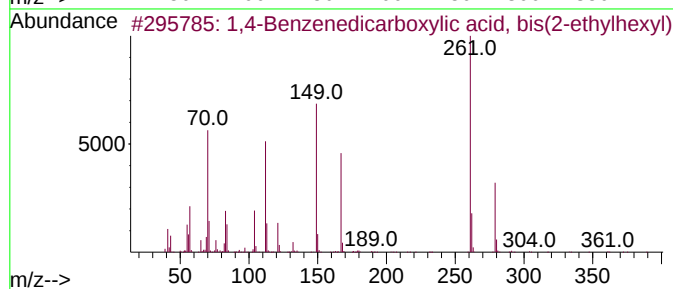
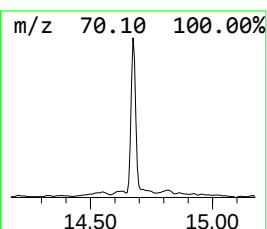
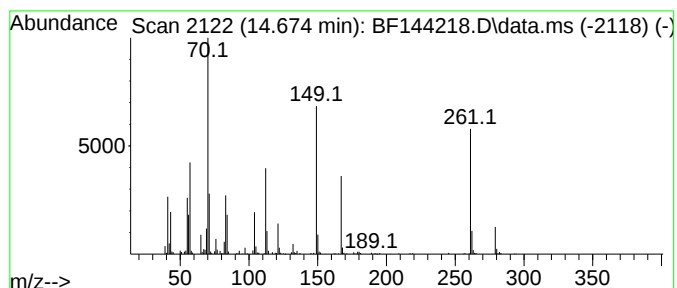
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1,4-Benzenedicarboxylic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.674	10.37 ng	357601	Chrysene-d12	14.051	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	87
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	59
3	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	52
4	Terephthalic acid, 2-methylbutyl...	348	C21H32O4	1000323-90-4	38
5	Isophthalic acid, octyl tridec-2...	456	C29H44O4	1000343-92-0	35



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	10.628	3.9	ng	150020	3	9.910	779324	20.0
Hexanedioic aci...	13.527	4.2	ng	145508	5	14.051	689765	20.0
1,4-Benzenedica...	14.674	10.4	ng	357601	5	14.051	689765	20.0